

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type                              | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-----------------------------------|------------------------------------|
| GA242QR7E2471MW01 | 470 pF                | 250Vac(r.m.s.)    | X7R (EIA)                   | 1808 (4520M)          | 1.5              | ±20%                  | 200V and over/ under Japanese Law | 100 kHz ~ 3 GHz                    |
| GA242QR7E2102MW01 | 1000 pF               | 250Vac(r.m.s.)    | X7R (EIA)                   | 1808 (4520M)          | 1.5              | ±20%                  | 200V and over/ under Japanese Law | 100 kHz ~ 3 GHz                    |
| GA243QR7E2222MW01 | 2200 pF               | 250Vac(r.m.s.)    | X7R (EIA)                   | 1812 (4532M)          | 1.5              | ±20%                  | 200V and over/ under Japanese Law | 100 kHz ~ 3 GHz                    |
| GA243QR7E2332MW01 | 3300 pF               | 250Vac(r.m.s.)    | X7R (EIA)                   | 1812 (4532M)          | 1.5              | ±20%                  | 200V and over/ under Japanese Law | 100 kHz ~ 3 GHz                    |
| GA243DR7E2472MW01 | 4700 pF               | 250Vac(r.m.s.)    | X7R (EIA)                   | 1812 (4532M)          | 2                | ±20%                  | 200V and over/ under Japanese Law | 100 kHz ~ 3 GHz                    |
| GA243QR7E2103MW01 | 10000 pF              | 250Vac(r.m.s.)    | X7R (EIA)                   | 1812 (4532M)          | 1.5              | ±20%                  | 200V and over/ under Japanese Law | 100 kHz ~ 3 GHz                    |
| GA243QR7E2223MW01 | 22000 pF              | 250Vac(r.m.s.)    | X7R (EIA)                   | 1812 (4532M)          | 1.5              | ±20%                  | 200V and over/ under Japanese Law | 100 kHz ~ 3 GHz                    |
| GA243DR7E2473MW01 | 47000 pF              | 250Vac(r.m.s.)    | X7R (EIA)                   | 1812 (4532M)          | 2                | ±20%                  | 200V and over/ under Japanese Law | 100 kHz ~ 3 GHz                    |
| GA255DR7E2104MW01 | 100000 pF             | 250Vac(r.m.s.)    | X7R (EIA)                   | 2220 (5750M)          | 2                | ±20%                  | 200V and over/ under Japanese Law | 100 kHz ~ 3 GHz                    |
| GA342A1XGD100JW31 | 10 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGF100JW31 | 10 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGD120JW31 | 12 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGF120JW31 | 12 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGD150JW31 | 15 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGF150JW31 | 15 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGD180JW31 | 18 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGF180JW31 | 18 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGD220JW31 | 22 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGF220JW31 | 22 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGD270JW31 | 27 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGF270JW31 | 27 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 3 GHz                    |
| GA342A1XGD330JW31 | 33 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGF330JW31 | 33 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 3 GHz                    |
| GA342A1XGD390JW31 | 39 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGF390JW31 | 39 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 3 GHz                    |
| GA342A1XGD470JW31 | 47 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGF470JW31 | 47 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 3 GHz                    |
| GA342A1XGD560JW31 | 56 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGF560JW31 | 56 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 3 GHz                    |
| GA342A1XGD680JW31 | 68 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGF680JW31 | 68 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 3 GHz                    |
| GA342A1XGD820JW31 | 82 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 6 GHz                    |
| GA342A1XGF820JW31 | 82 pF                 | 250Vac(r.m.s.)    | SL (JIS)                    | 1808 (4520M)          | 1                | ±5%                   | Safety Standard Certified         | 100 MHz ~ 3 GHz                    |
| GA342QR7GD101KW01 | 100 pF                | 250Vac(r.m.s.)    | X7R (EIA)                   | 1808 (4520M)          | 1.5              | ±10%                  | Safety Standard Certified         | 100 kHz ~ 3 GHz                    |
| GA342QR7GF101KW01 | 100 pF                | 250Vac(r.m.s.)    | X7R (EIA)                   | 1808 (4520M)          | 1.5              | ±10%                  | Safety Standard Certified         | 100 kHz ~ 3 GHz                    |
| GA342QR7GD151KW01 | 150 pF                | 250Vac(r.m.s.)    | X7R (EIA)                   | 1808 (4520M)          | 1.5              | ±10%                  | Safety Standard Certified         | 100 kHz ~ 3 GHz                    |
| GA342QR7GF151KW01 | 150 pF                | 250Vac(r.m.s.)    | X7R (EIA)                   | 1808 (4520M)          | 1.5              | ±10%                  | Safety Standard Certified         | 100 kHz ~ 3 GHz                    |
| GA342DR7GF221KW02 | 220 pF                | 250Vac(r.m.s.)</  |                             |                       |                  |                       |                                   |                                    |

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|--------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|--------------------------------------------|------------------------------------|
| GC355DD17Q34KX18   | 33000 pF              | 630Vdc            | X7T (EIA)                   | 2220 (5750M)          | 2               | ± 1%                  | 200V and over/ Automotive AEC-Q200         | 100 Hz ~ 3 GHz                     |
| GC355DD7E474KX01   | 47000 pF              | 250Vdc            | X7T (EIA)                   | 2220 (5750M)          | 2               | ± 10%                 | 200V and over/ Automotive AEC-Q200         | 100 Hz ~ 3 GHz                     |
| GC355DD72W474KX01  | 47000 pF              | 450Vdc            | X7T (EIA)                   | 2220 (5750M)          | 2               | ± 10%                 | 200V and over/ Automotive AEC-Q200         | 100 Hz ~ 3 GHz                     |
| GC355DD17P474KX18  | 47000 pF              | 450Vdc            | X7T (EIA)                   | 2220 (5750M)          | 2               | ± 10%                 | 200V and over/ Automotive AEC-Q200         | 100 Hz ~ 3 GHz                     |
| GC355DD17Q474KX18  | 47000 pF              | 630Vdc            | X7T (EIA)                   | 2220 (5750M)          | 2               | ± 10%                 | 200V and over/ Automotive AEC-Q200         | 100 Hz ~ 3 GHz                     |
| GC355XD17Q564KX17  | 56000 pF              | 630Vdc            | X7T (EIA)                   | 2220 (5750M)          | 2.7             | ± 10%                 | 200V and over/ Automotive AEC-Q200         | 100 Hz ~ 3 GHz                     |
| GC355DD72E684KX01  | 68000 pF              | 250Vdc            | X7T (EIA)                   | 2220 (5750M)          | 2               | ± 10%                 | 200V and over/ Automotive AEC-Q200         | 100 Hz ~ 3 GHz                     |
| GC355DD17P684KX18  | 68000 pF              | 450Vdc            | X7T (EIA)                   | 2220 (5750M)          | 2               | ± 10%                 | 200V and over/ Automotive AEC-Q200         | 100 Hz ~ 3 GHz                     |
| GC355XD72E108KX05  | 1 uF                  | 250Vdc            | X7T (EIA)                   | 2220 (5750M)          | 2.7             | ± 10%                 | 200V and over/ Automotive AEC-Q200         | 100 Hz ~ 3 GHz                     |
| GC355XD7LP105KX17  | 1 uF                  | 450Vdc            | X7T (EIA)                   | 2220 (5750M)          | 2.7             | ± 10%                 | 200V and over/ Automotive AEC-Q200         | 100 Hz ~ 3 GHz                     |
| GCD188R7H1H102KA01 | 1000 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 10%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R7H1H102MA01 | 1000 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 20%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R72A102KA01  | 1000 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 10%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R72A102MA01  | 1000 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 20%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R7H1H122KA01 | 1200 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 10%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R7H1H122MA01 | 1200 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 20%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R72A122KA01  | 1200 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 10%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R72A122MA01  | 1200 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 20%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R7H1H152KA01 | 1500 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 10%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R7H1H152MA01 | 1500 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 20%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R72A152KA01  | 1500 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 10%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R72A152MA01  | 1500 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 20%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R7H1H182KA01 | 1800 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 10%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R7H1H182MA01 | 1800 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 20%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R72A182KA01  | 1800 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 10%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R72A182MA01  | 1800 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 20%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R7H1H222KA01 | 2200 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 10%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R7H1H222MA01 | 2200 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 20%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R72A222KA01  | 2200 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 10%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R72A222MA01  | 2200 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 20%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R7H1H272KA01 | 2700 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 10%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R7H1H272MA01 | 2700 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 20%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R72A272KA01  | 2700 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 10%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R72A272MA01  | 2700 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9             | ± 20%                 | Powertrain/ Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCD188R7H1H332KA01 | 3300 pF               | 50Vdc             | X7R (EIA)</                 |                       |                 |                       |                                            |                                    |

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|---------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|----------------------------------------------------|------------------------------------|
| GCD21BR72A333KA01   | 33000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR72A333MA01   | 33000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 20%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR71H1H393KA01 | 39000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR71H1H393MA01 | 39000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 20%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR72A393KA01   | 39000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR72A393MA01   | 39000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 20%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR71H473KA01   | 47000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR71H473MA01   | 47000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 20%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR72A473KA01   | 47000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR72A473MA01   | 47000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 20%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR71H563KA01   | 56000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR71H563MA01   | 56000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 20%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR72A563KA01   | 56000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR72A563MA01   | 56000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 20%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR71H683KA01   | 68000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR71H683MA01   | 68000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 20%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR72A683KA01   | 68000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR72A683MA01   | 68000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 20%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR71H823KA01   | 82000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR71H823MA01   | 82000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 20%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR72A823KA01   | 82000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR72A823MA01   | 82000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 20%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR71H104KA01   | 100000 pF             | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR71H104MA01   | 100000 pF             | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 20%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR72A104KA01   | 100000 pF             | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BR72A104MA01   | 100000 pF             | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 20%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCD21BC71C474KE01   | 470000 pF             | 16Vdc             | X7S (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/ Safety for Automotive (AEC-Q200)       | 100 Hz - 6 GHz                     |
| GCE188R71H102KA01   | 1000 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ± 10%                 | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE188R71H102MA01   | 1000 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ± 20%                 | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE188R72A102KA01   | 1000 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ± 10%                 | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE188R72A102MA01   | 1000 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ± 20%                 | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE188R71H122KA01   | 1200 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ± 10%                 | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE188R71H122MA01   | 1200 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ± 20%                 | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE188R72A122KA01   | 1200 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ± 10%                 | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE188R72A122MA01   | 1200 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)        |                 |                       |                                                    |                                    |

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|---------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|----------------------------------------------------|------------------------------------|
| GCE21BR72A682KA01   | 6800 pF               | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 0.95            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A103KA01   | 10000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H153KA01   | 15000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A153KA01   | 15000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H183KA01   | 18000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H223KA01   | 22000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A223KA01   | 22000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H1273KA01  | 27000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H1273MA01  | 27000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A273KA01   | 27000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A273MA01   | 27000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H333KA01   | 33000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H333MA01   | 33000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A333KA01   | 33000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A333MA01   | 33000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H393KA01   | 39000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H393MA01   | 39000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A393KA01   | 39000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A393MA01   | 39000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H473KA01   | 47000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H473MA01   | 47000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A473KA01   | 47000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A473MA01   | 47000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H563KA01   | 56000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H563MA01   | 56000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A563KA01   | 56000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A563MA01   | 56000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H683KA01   | 68000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H683MA01   | 68000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A683KA01   | 68000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A683MA01   | 68000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H823KA01   | 82000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H823MA01   | 82000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A823KA01   | 82000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A823MA01   | 82000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H104KA01   | 100000 pF             | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR71H104MA01   | 100000 pF             | 50Vdc             | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A104KA01   | 100000 pF             | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCE21BR72A104MA01   | 100000 pF             | 100Vdc            | X7R (EIA)                   | 0805 (2012M)          | 1.45            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCH0335C1H1R0CE01   | 1 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Implantable medical device                         | 100 MHz - 20 GHz                   |
| GCH0335C1H1R5CE01   | 1.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H2R0CE01   | 2 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H2R2CE01   | 2.2 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H3R0CE01   | 3 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H3R3CE01   | 3.3 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H4R0CE01   | 4 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H4R7CE01   | 4.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H5R0CE01   | 5 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H6R0DE01   | 6 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.5pF                | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H6R8DE01   | 6.8 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.5pF                | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H7R0DE01   | 7 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.5pF                | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H8R0DE01   | 8 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.5pF                | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H9R0DE01   | 9 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.5pF                | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H10J0E01   | 10 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H15J0E01   | 15 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H22J0E01   | 22 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H33J0E01   | 33 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H47J0E01   | 47 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H68J0E01   | 68 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH0335C1H101J0E01  | 100 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH033R61E221KE01   | 220 pF                | 25Vdc             | X5R (EIA)                   | 0201 (0603M)          | 0.33            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH033R61E102KE01   | 1000 pF               | 25Vdc             | X5R (EIA)                   | 0201 (0603M)          | 0.33            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH033R71E102KE01   | 1000 pF               | 25Vdc             | X7R (EIA)                   | 0201 (0603M)          | 0.33            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH033R61E222KE01   | 2200 pF               | 25Vdc             | X5R (EIA)                   | 0201 (0603M)          | 0.33            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH033R61A472KE01   | 4700 pF               | 10Vdc             | X5R (EIA)                   | 0201 (0603M)          | 0.33            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH033R61A103KE01   | 10000 pF              | 10Vdc             | X5R (EIA)                   | 0201 (0603M)          | 0.33            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH1555C1H1R0CE01   | 1 pF                  | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H2R0CE01   | 2 pF                  | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H3R0CE01   | 3 pF                  | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H3R3BE01   | 3.3 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H4R0CE01   | 4 pF                  | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H4R7BE01   | 4.7 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H5R0CE01   | 5 pF                  | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H6R0DE01   | 6 pF                  | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±0.5pF                | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H6R8DE01   | 6.8 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±0.5pF                | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H7R0DE01   | 7 pF                  | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±0.5pF                | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H8R0DE01   | 8 pF                  | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±0.5pF                | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H9R0DE01   | 9 pF                  | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±0.5pF                | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H10J0E01   | 10 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H15J0E01   | 15 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H22J0E01   | 22 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H33J0E01   | 33 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H47J0E01   | 47 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H68J0E01   | 68 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H101J0E01  | 100 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H151J0E01  | 150 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H221J0E01  | 220 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH155R71H221KE01   | 220 pF                | 50Vdc             | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R72A221KE01   | 220 pF                | 100Vdc            | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH1555C1H331J0E01  | 330 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H471J0E01  | 470 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH155R71H471KE01   | 470 pF                | 50Vdc             | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R72A471KE01   | 470 pF                | 100Vdc            | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH1555C1H681J0E01  | 680 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±5%                   | Implantable medical device                         | 100 MHz - 8.5 GHz                  |
| GCH1555C1H102J0E01  | 1000 pF               | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55            | ±5%                   | Implantable medical device                         | 1 MHz - 6 GHz                      |
| GCH155R71H102KE01   | 1000 pF               | 50Vdc             | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R72A102KE01   | 1000 pF               | 100Vdc            | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R71H222KE01   | 2200 pF               | 50Vdc             | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R72A222KE01   | 2200 pF               | 100Vdc            | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R71H472KE01   | 4700 pF               | 50Vdc             | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R72A472KE01   | 4700 pF               | 100Vdc            | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R71E103KE01   | 10000 pF              | 25Vdc             | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R71H103KE01   | 10000 pF              | 50Vdc             | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R71E223KE01   | 22000 pF              | 25Vdc             | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R71H223KE01   | 22000 pF              | 50Vdc             | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R71C473KE01   | 47000 pF              | 16Vdc             | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R71E473KE01   | 47000 pF              | 25Vdc             | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R71H473KE01   | 47000 pF              | 50Vdc             | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R61E104KE01   | 100000 pF             | 25Vdc             | X5R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R71A104KE01   | 100000 pF             | 10Vdc             | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R71C104KE01   | 100000 pF             | 16Vdc             | X7R (EIA)                   | 0402 (1005M)          | 0.55            | ±10%                  | Implantable medical device                         | 100 Hz - 6 GHz                     |
| GCH155R71H104KE01</ |                       |                   |                             |                       |                 |                       |                                                    |                                    |

| Part Number        | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max) | Capacitance<br>Tolerance | Type                       | Frequency Range<br>(simulation model) |
|--------------------|--------------------------|----------------------|--------------------------------|------------------------|--------------------|--------------------------|----------------------------|---------------------------------------|
| GGH1885C2A4R0CE01  | 4 pF                     | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±0.25pF                  | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A5R0CE01  | 5 pF                     | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±0.25pF                  | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A6R0DE01  | 6 pF                     | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±0.5pF                   | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A7R0DE01  | 7 pF                     | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±0.5pF                   | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A8R0DE01  | 8 pF                     | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±0.5pF                   | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A9R0DE01  | 9 pF                     | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±0.5pF                   | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A10J0E01  | 10 pF                    | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A15J0E01  | 15 pF                    | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A22J0E01  | 22 pF                    | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A33J0E01  | 33 pF                    | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A47J0E01  | 47 pF                    | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A68J0E01  | 68 pF                    | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A101J0E01 | 100 pF                   | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A151J0E01 | 150 pF                   | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A221J0E01 | 220 pF                   | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A331J0E01 | 330 pF                   | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A471J0E01 | 470 pF                   | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A681J0E01 | 680 pF                   | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 100 MHz – 8.5 GHz                     |
| GGH1885C2A102J0E01 | 1000 pF                  | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 1 MHz – 6 GHz                         |
| GGH1885C1H152J0E01 | 1500 pF                  | 50Vdc                | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 1 MHz – 6 GHz                         |
| GGH1885C2A152J0E01 | 1500 pF                  | 100Vdc               | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 1 MHz – 6 GHz                         |
| GGH1885C1H222J0E01 | 2200 pF                  | 50Vdc                | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 1 MHz – 6 GHz                         |
| GGH1885C1H332J0E01 | 3300 pF                  | 50Vdc                | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 1 MHz – 6 GHz                         |
| GGH1885C1H472J0E01 | 4700 pF                  | 50Vdc                | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 1 MHz – 6 GHz                         |
| GGH1885C1H682J0E01 | 6800 pF                  | 50Vdc                | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 1 MHz – 6 GHz                         |
| GGH1885C1H103J0E01 | 10000 pF                 | 50Vdc                | C0G (EIA)                      | 0603 (1608M)           | 0.9                | ±5%                      | Implantable medical device | 1 MHz – 6 GHz                         |
| GGH188R72A103KE01  | 10000 pF                 | 100Vdc               | X7R (EIA)                      | 0603 (1608M)           | 0.9                | ±10%                     | Implantable medical device | 100 Hz – 6 GHz                        |
| GGH188R72A223KE01  | 22000 pF                 | 100Vdc               | X7R (EIA)                      | 0603 (1608M)           | 0.9                | ±10%                     | Implantable medical device | 100 Hz – 6 GHz                        |
| GGH188R71E104KE01  | 100000 pF                | 25Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                | ±10%                     | Implantable medical device | 100 Hz – 6 GHz                        |
| GGH188R71H104KE01  | 100000 pF                | 50Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                | ±10%                     | Implantable medical device | 100 Hz – 6 GHz                        |
| GGH188R72A104KE01  | 100000 pF                | 100Vdc               | X7R (EIA)                      | 0603 (1608M)           | 0.9                | ±10%                     | Implantable medical device | 100 kHz – 6 GHz                       |
| GGH188R71E224KE01  | 220000 pF                | 25Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                | ±10%                     | Implantable medical device | 100 Hz – 6 GHz                        |
| GGH188R71H224KE01  | 220000 pF                | 50Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                | ±10%                     | Implantable medical device | 100 Hz – 6 GHz                        |
| GGH188R71C474KE01  | 470000 pF                | 16Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                | ±10%                     | Implantable medical device | 100 Hz – 6 GHz                        |
| GGH188R71E474KE01  | 470000 pF                | 25Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                | ±10%                     | Implantable medical device | 100 Hz – 6 GHz                        |
| GGH188R71C105KE01  | 1 uF                     | 16Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                | ±10%                     | Implantable medical device | 100 Hz – 6 GHz                        |
| GGH188R71E105KE01  | 1 uF                     | 25Vdc                | X7R (EIA)                      | 0                      |                    |                          |                            |                                       |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                                               | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|----------------------------------------------------|------------------------------------|
| GCJ188R72A182KA01 | 1800 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R92A182KA01 | 1800 pF               | 100Vdc            | X8R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188L81H222KA01 | 2200 pF               | 50Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188L81H222MA01 | 2200 pF               | 50Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R71E222KA01 | 2200 pF               | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R71E222MA01 | 2200 pF               | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R71H222KA01 | 2200 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R72A222KA01 | 2200 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R92A222KA01 | 2200 pF               | 100Vdc            | X8R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188L81H272KA01 | 2700 pF               | 50Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R71E272KA01 | 2700 pF               | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R71H272KA01 | 2700 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R72A272KA01 | 2700 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R92A272KA01 | 2700 pF               | 100Vdc            | X8R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188L81H332KA01 | 3300 pF               | 50Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R71E332KA01 | 3300 pF               | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R71H332KA01 | 3300 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R72A332KA01 | 3300 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R92A332KA01 | 3300 pF               | 100Vdc            | X8R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188L81H392KA01 | 3900 pF               | 50Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R71E392KA01 | 3900 pF               | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R71H392KA01 | 3900 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R72A392KA01 | 3900 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R92A392KA01 | 3900 pF               | 100Vdc            | X8R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188L81H472KA01 | 4700 pF               | 50Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188L81H472MA01 | 4700 pF               | 50Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R71E472KA01 | 4700 pF               | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R71E472MA01 | 4700 pF               | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R71H472KA01 | 4700 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R71H472MA01 | 4700 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R72A472KA01 | 4700 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R72A472MA01 | 4700 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R91H472KA01 | 4700 pF               | 50Vdc             | X8R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R92A472KA01 | 4700 pF               | 100Vdc            | X8R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188R92A472MA01 | 4700 pF               | 100Vdc            | X8R (EIA)                   | 0603 (1608M)        | 0.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ188L81H562KA01 | 5600 pF               | 50Vdc             | X8L (MURATA)                | 0603 (1608M)        |                 |                       |                                                    |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                                               | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|----------------------------------------------------|------------------------------------|
| GCJ188R71C473KA01 | 47000 pF              | 16Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71E473KA01 | 47000 pF              | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71H473KA12 | 47000 pF              | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71H473MA12 | 47000 pF              | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R92A473KA01 | 47000 pF              | 100Vdc            | X8R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R92A473MA01 | 47000 pF              | 100Vdc            | X8R (EIA)                   | 0603 (1608M)        | 0.9             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188L81E563KA01 | 56000 pF              | 25Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188L8YA563KA01 | 56000 pF              | 35Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71C563KA01 | 56000 pF              | 16Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71E563KA12 | 56000 pF              | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71H563KA12 | 56000 pF              | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R92A563KA01 | 56000 pF              | 100Vdc            | X8R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188L81C683KA01 | 68000 pF              | 16Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188L81C683MA01 | 68000 pF              | 16Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188L81E683KA01 | 68000 pF              | 25Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188L81E683MA01 | 68000 pF              | 25Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188L8YA683KA01 | 68000 pF              | 35Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188L8YA683MA01 | 68000 pF              | 35Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71C683KA01 | 68000 pF              | 16Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71E683KA12 | 68000 pF              | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71E683MA12 | 68000 pF              | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71H683KA12 | 68000 pF              | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71H683MA12 | 68000 pF              | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R92A683KA01 | 68000 pF              | 100Vdc            | X8R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188L81E823KA01 | 82000 pF              | 25Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71C823KA01 | 82000 pF              | 16Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71E823KA12 | 82000 pF              | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71H823KA12 | 82000 pF              | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188L81C104KA01 | 100000 pF             | 16Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188L81C104MA01 | 100000 pF             | 16Vdc             | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188L8EL104KA07 | 100000 pF             | 100Vdc            | X8L (MURATA)                | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71C104KA01 | 100000 pF             | 16Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71E104KA12 | 100000 pF             | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71E104MA12 | 100000 pF             | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71H104KA12 | 100000 pF             | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz - 6 GHz                     |
| GCJ188R71H104MA12 | 100000 pF             |                   |                             |                     |                 |                       |                                                    |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                                               | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|----------------------------------------------------|------------------------------------|
| GCJ216R71H821KA01 | 820 pF                | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R7A821KA01  | 820 pF                | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71E102KA01 | 1000 pF               | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71E102MA01 | 1000 pF               | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71H102KA01 | 1000 pF               | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71H102MA01 | 1000 pF               | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R72A102KA01 | 1000 pF               | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R72A102MA01 | 1000 pF               | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R72A122KA01 | 1200 pF               | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R72A152KA01 | 1500 pF               | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R72A182KA01 | 1800 pF               | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71E222KA01 | 2200 pF               | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71E222MA01 | 2200 pF               | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71H222KA01 | 2200 pF               | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71H222MA01 | 2200 pF               | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R72A222KA01 | 2200 pF               | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R72A222MA01 | 2200 pF               | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R72A272KA01 | 2700 pF               | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71E332KA01 | 3300 pF               | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71E332MA01 | 3300 pF               | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71H332KA01 | 3300 pF               | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71H332MA01 | 3300 pF               | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R72A332KA01 | 3300 pF               | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R72A332MA01 | 3300 pF               | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R72A392KA01 | 3900 pF               | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71E427KA01 | 4700 pF               | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71E472MA01 | 4700 pF               | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71H472KA01 | 4700 pF               | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71H472MA01 | 4700 pF               | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R72A472KA01 | 4700 pF               | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R72A472MA01 | 4700 pF               | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R72A562KA01 | 5600 pF               | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71E682KA01 | 6800 pF               | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71E682MA01 | 6800 pF               | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71H682KA01 | 6800 pF               | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ216R71H682MA01 | 6800 pF               | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7             |                       |                                                    |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max.) | Capacitance Tolerance | Type                                               | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|----------------------------------------------------|------------------------------------|
| GCJ21BL81E274KA01 | 27000 pF              | 25Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71C274KA01 | 27000 pF              | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71E274KA01 | 27000 pF              | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ219R71E334KA01 | 33000 pF              | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.95             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ219R71H334KA12 | 33000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.95             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ219R71H334MA12 | 33000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.95             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BL81E394KA01 | 33000 pF              | 25Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BL81E334MA01 | 33000 pF              | 25Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.45             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BL8YA334KA01 | 33000 pF              | 35Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BL8YA334MA01 | 33000 pF              | 35Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.45             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71C334KA01 | 33000 pF              | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71C334MA01 | 33000 pF              | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71E334KA01 | 33000 pF              | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71E334MA01 | 33000 pF              | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71H334KA12 | 33000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71H334MA12 | 33000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BL81E394KA01 | 39000 pF              | 25Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71C394KA01 | 39000 pF              | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71E394KA01 | 39000 pF              | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ219R71E474KA12 | 47000 pF              | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.95             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ219R71E474MA12 | 47000 pF              | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.95             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BL81E474KA01 | 47000 pF              | 25Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BL8EH474KA07 | 47000 pF              | 50Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BL8YA474KA01 | 47000 pF              | 35Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BL81C564KA01 | 56000 pF              | 16Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71C564KA01 | 56000 pF              | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71E564KA12 | 56000 pF              | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BL81C684KA01 | 68000 pF              | 16Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BL81C684MA01 | 68000 pF              | 16Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.45             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BL81E684KA01 | 68000 pF              | 25Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BL81E684MA01 | 68000 pF              | 25Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.45             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71C684KA01 | 68000 pF              | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71C684MA01 | 68000 pF              | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71E684KA12 | 68000 pF              | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±10%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BR71E684MA12 | 68000 pF              | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.45             | ±20%                  | hal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ21BL81C824KA01 | 82000 pF              | 16Vdc             |                             |                     |                  |                       |                                                    |                                    |

| Part Number         | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type                                               | Frequency Range (Simulation model) |
|---------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|----------------------------------------------------|------------------------------------|
| GCJ31CR71H684KA01   | 68000 pF              | 50Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CR71H684MA01   | 68000 pF              | 50Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31MR71H684KA12   | 680000 pF             | 50Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.35            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CLB1E824KA01   | 820000 pF             | 25Vdc             | X8L (MURATA)                | 1206 (3216M)          | 1.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CLBYA824KA01   | 820000 pF             | 35Vdc             | X8L (MURATA)                | 1206 (3216M)          | 1.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CL81E105KA01   | 1 uF                  | 25Vdc             | X8L (MURATA)                | 1206 (3216M)          | 1.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CL81E105MA01   | 1 uF                  | 25Vdc             | X8L (MURATA)                | 1206 (3216M)          | 1.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CL8EL105KA07   | 1 uF                  | 100Vdc            | X8L (MURATA)                | 1206 (3216M)          | 1.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CL8YA105KA01   | 1 uF                  | 35Vdc             | X8L (MURATA)                | 1206 (3216M)          | 1.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CR71H105KA12   | 1 uF                  | 50Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CR71H105MA12   | 1 uF                  | 50Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CR72A105KA01   | 1 uF                  | 100Vdc            | X7R (EIA)                   | 1206 (3216M)          | 1.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CR72A105MA01   | 1 uF                  | 100Vdc            | X7R (EIA)                   | 1206 (3216M)          | 1.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31MLB1C105KA01   | 1 uF                  | 16Vdc             | X8L (MURATA)                | 1206 (3216M)          | 1.35            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31MLB1C105MA01   | 1 uF                  | 16Vdc             | X8L (MURATA)                | 1206 (3216M)          | 1.35            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31MR71C105KA01   | 1 uF                  | 16Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.35            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31MR71C105MA01   | 1 uF                  | 16Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.35            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31MR71E105KA01   | 1 uF                  | 25Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.35            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31MR71E105MA01   | 1 uF                  | 25Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.35            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31MR71H105KA12   | 1 uF                  | 50Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.35            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31MR71H105MA12   | 1 uF                  | 50Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.35            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CR71H155KA12   | 1.5 uF                | 50Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CR71H155MA12   | 1.5 uF                | 50Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CG72A225KE01   | 2.2 uF                | 100Vdc            | X7S (EIA)                   | 1206 (3216M)          | 1.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CR71H225KA12   | 2.2 uF                | 50Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CR71H225MA12   | 2.2 uF                | 50Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31MLB1C225KA01   | 2.2 uF                | 16Vdc             | X8L (MURATA)                | 1206 (3216M)          | 1.35            | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31MLB1C225MA01   | 2.2 uF                | 16Vdc             | X8L (MURATA)                | 1206 (3216M)          | 1.35            | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CLB1C335KA01   | 3.3 uF                | 16Vdc             | X8L (MURATA)                | 1206 (3216M)          | 1.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CG71C1H475KA01 | 4.7 uF                | 50Vdc             | X7S (EIA)                   | 1206 (3216M)          | 1.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CG71H475MA01   | 4.7 uF                | 50Vdc             | X7S (EIA)                   | 1206 (3216M)          | 1.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CLB1C475KA01   | 4.7 uF                | 16Vdc             | X8L (MURATA)                | 1206 (3216M)          | 1.9             | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CLB1C475MA01   | 4.7 uF                | 16Vdc             | X8L (MURATA)                | 1206 (3216M)          | 1.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CR71C475KA01   | 4.7 uF                | 16Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CR71E475MA12   | 4.7 uF                | 25Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.9             | ±20%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CG71E106KA15   | 10 uF                 | 25Vdc             | X7S (EIA)                   | 1206 (3216M)          | 2               | ±10%                  | nal electrode for Powertrain/safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCJ31CG71E106MA15   | 10 uF                 | 25Vdc             | X7S                         |                       |                 |                       |                                                    |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type                             | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|----------------------------------|------------------------------------|
| GCM0334C1ER50WA01 | 0.5 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1HR50BA01 | 0.5 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1HR50WA01 | 0.5 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1ER60BA01 | 0.6 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1ER60WA01 | 0.6 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1HR60BA01 | 0.6 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1HR60WA01 | 0.6 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1ER70BA01 | 0.7 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1ER70WA01 | 0.7 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1HR70BA01 | 0.7 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1HR70WA01 | 0.7 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1ER80BA01 | 0.8 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1ER80WA01 | 0.8 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1HR80BA01 | 0.8 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1HR80WA01 | 0.8 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1ER90BA01 | 0.9 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1ER90WA01 | 0.9 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1HR90BA01 | 0.9 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1HR90WA01 | 0.9 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1E1R0CA01 | 1 pF                  | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1H1R0CA01 | 1 pF                  | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 20 GHz                   |
| GCM0334C1E1R1CA01 | 1.1 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM0334C1H1R1CA01 | 1.1 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM0334C1E1R2CA01 | 1.2 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM0334C1H1R2CA01 | 1.2 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM0334C1E1R3CA01 | 1.3 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM0334C1H1R3CA01 | 1.3 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM0334C1E1R5CA01 | 1.5 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM0334C1H1R5CA01 | 1.5 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM0334C1E1R6CA01 | 1.6 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM0334C1H1R6CA01 | 1.6 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM0334C1E1R8CA01 | 1.8 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM0334C1H1R8CA01 | 1.8 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM0334C1E2R0CA01 | 2 pF                  | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM0334C1H2R0CA01 | 2 pF                  | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM0333C1E2R2CA01 | 2.2 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz</                |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                             | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|----------------------------------|------------------------------------|
| GCM0332C1H160GA01 | 16 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H160JA01 | 16 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E180FA01 | 18 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E180GA01 | 18 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E180JA01 | 18 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H180FA01 | 18 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H180GA01 | 18 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H180JA01 | 18 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E200FA01 | 20 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E200GA01 | 20 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E200JA01 | 20 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H200FA01 | 20 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H200GA01 | 20 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H200JA01 | 20 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E220FA01 | 22 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E220GA01 | 22 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E220JA01 | 22 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H220FA01 | 22 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H220GA01 | 22 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H220JA01 | 22 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E240FA01 | 24 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E240GA01 | 24 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E240JA01 | 24 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H240FA01 | 24 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H240GA01 | 24 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H240JA01 | 24 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E270FA01 | 27 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E270GA01 | 27 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E270JA01 | 27 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H270FA01 | 27 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H270GA01 | 27 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H270JA01 | 27 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E300FA01 | 30 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E300GA01 | 30 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E300JA01 | 30 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H300FA01 | 30 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H300GA01 | 30 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H300JA01 | 30 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E330FA01 | 33 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E330GA01 | 33 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E330JA01 | 33 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H330FA01 | 33 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H330GA01 | 33 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H330JA01 | 33 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E360FA01 | 36 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E360GA01 | 36 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E360JA01 | 36 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H360FA01 | 36 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H360GA01 | 36 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H360JA01 | 36 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E390FA01 | 39 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E390GA01 | 39 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E390JA01 | 39 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H390FA01 | 39 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H390GA01 | 39 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H390JA01 | 39 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E430FA01 | 43 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E430GA01 | 43 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E430JA01 | 43 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H430FA01 | 43 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H430GA01 | 43 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H430JA01 | 43 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E470FA01 | 47 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E470GA01 | 47 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E470JA01 | 47 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H470FA01 | 47 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H470GA01 | 47 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H470JA01 | 47 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E510FA01 | 51 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E510GA01 | 51 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E510JA01 | 51 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H510FA01 | 51 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H510GA01 | 51 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H510JA01 | 51 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E560FA01 | 56 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E560GA01 | 56 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E560JA01 | 56 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H560FA01 | 56 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H560GA01 | 56 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H560JA01 | 56 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E620FA01 | 62 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E620GA01 | 62 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E620JA01 | 62 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H620FA01 | 62 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H620GA01 | 62 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H620JA01 | 62 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E680FA01 | 68 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E680GA01 | 68 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E680JA01 | 68 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H680FA01 | 68 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H680GA01 | 68 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H680JA01 | 68 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E750FA01 | 75 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E750GA01 | 75 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E750JA01 | 75 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H750FA01 | 75 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H750GA01 | 75 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H750JA01 | 75 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E820FA01 | 82 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E820GA01 | 82 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E820JA01 | 82 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H820FA01 | 82 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H820GA01 | 82 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H820JA01 | 82 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E910FA01 | 91 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E910GA01 | 91 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E910JA01 | 91 pF                 | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H910FA01 | 91 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H910GA01 | 91 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H910JA01 | 91 pF                 | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E101FA01 | 100 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E101GA01 | 100 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1E101JA01 | 100 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H101FA01 | 100 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive | 100 MHz - 8.5 GHz                  |
| GCM0332C1H101GA01 | 100 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive | 100                                |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type                                      | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|-------------------------------------------|------------------------------------|
| GCM033R1E151KA01  | 150 pF                | 25Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1E221KA01  | 220 pF                | 25Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1E331KA01  | 330 pF                | 25Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1E471KA01  | 470 pF                | 25Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1E681KA01  | 680 pF                | 25Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1E102KA01  | 1000 pF               | 25Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1A152KA01  | 1500 pF               | 10Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1E152KA01  | 1500 pF               | 25Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1A182KA01  | 1800 pF               | 10Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1A182MA01  | 1800 pF               | 10Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±20%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1I182KCA0  | 1800 pF               | 16Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1I1C182MA0 | 1800 pF               | 16Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±20%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R7A182KA01  | 1800 pF               | 10Vdc             | X7R (EIA)                   | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R7A182MA01  | 1800 pF               | 10Vdc             | X7R (EIA)                   | 0201 (0603M)          | 0.33            | ±20%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R7T182KCA0  | 1800 pF               | 16Vdc             | X7R (EIA)                   | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R7T1C182MA0 | 1800 pF               | 16Vdc             | X7R (EIA)                   | 0201 (0603M)          | 0.33            | ±20%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R7E182KE01  | 1800 pF               | 25Vdc             | X7R (EIA)                   | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1A222KA01  | 2200 pF               | 10Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1I222KCA0  | 2200 pF               | 16Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R7E222KE01  | 2200 pF               | 25Vdc             | X7R (EIA)                   | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1A332KA01  | 3300 pF               | 10Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1I332KCA0  | 3300 pF               | 16Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R7E332KE01  | 3300 pF               | 25Vdc             | X7R (EIA)                   | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1A472KA01  | 4700 pF               | 10Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1A682KA01  | 6800 pF               | 10Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1A103KA01  | 10000 pF              | 10Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R1A103MA01  | 10000 pF              | 10Vdc             | R (JIS)                     | 0201 (0603M)          | 0.33            | ±20%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R7A103KA01  | 10000 pF              | 10Vdc             | X7R (EIA)                   | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033R7A103MA01  | 10000 pF              | 10Vdc             | X7R (EIA)                   | 0201 (0603M)          | 0.33            | ±20%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM033C70J104KE01 | 100000 pF             | 6.3Vdc            | X7T (EIA)                   | 0201 (0603M)          | 0.33            | ±10%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM03D70E105ME35  | 1 uF                  | 2.5Vdc            | X7T (EIA)                   | 0201 (0603M)          | 0.39            | ±20%                  | Powertrain/Safety for Automotive          | 100 Hz - 6 GHz                     |
| GCM035C1ER10WA16  | 0.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 20 GHz                   |
| GCM035C1HR10WA16  | 0.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 20 GHz                   |
| GCM035C1ER20BA16  | 0.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 20 GHz                   |
| GCM035C1ER20WA16  | 0.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 20 GHz                   |
| GCM035C1HR20BA16  | 0.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 20 GHz                   |
| GCM035C1HR20WA16  | 0.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 20 GHz                   |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                              | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-----------------------------------|------------------------------------|
| GCM0335C1E7R5DA16 | 7.5 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H7R5DA16 | 7.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E8R0DA16 | 8 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H8R0DA16 | 8 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E8R2CA16 | 8.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E8R2DA16 | 8.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H8R2DA16 | 8.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E9R0DA16 | 9 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H9R0DA16 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E9R1DA16 | 9.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H9R1DA16 | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E100FA16 | 10 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E100GA16 | 10 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E100JA16 | 10 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H100FA16 | 10 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H100GA16 | 10 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H100JA16 | 10 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E110FA16 | 11 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E110GA16 | 11 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E110JA16 | 11 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H110FA16 | 11 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H110GA16 | 11 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H110JA16 | 11 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E120FA16 | 12 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E120GA16 | 12 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E120JA16 | 12 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H120FA16 | 12 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H120GA16 | 12 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H120JA16 | 12 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E130FA16 | 13 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E130GA16 | 13 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E130JA16 | 13 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H130FA16 | 13 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H130GA16 | 13 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H130JA16 | 13 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E150FA16 | 15 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E150GA16 | 15 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E150JA16 | 15 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H150FA16 | 15 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H150GA16 | 15 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H150JA16 | 15 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E160FA16 | 16 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E160GA16 | 16 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E160JA16 | 16 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H160FA16 | 16 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H160GA16 | 16 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H160JA16 | 16 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E180FA16 | 18 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E180GA16 | 18 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E180JA16 | 18 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H180FA16 | 18 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H180GA16 | 18 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H180JA16 | 18 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E200FA16 | 20 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E200GA16 | 20 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E200JA16 | 20 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H200FA16 | 20 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H200GA16 | 20 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H200JA16 | 20 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E220FA16 | 22 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E220GA16 | 22 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E220JA16 | 22 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H220FA16 | 22 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H220GA16 | 22 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H220JA16 | 22 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E240FA16 | 24 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E240GA16 | 24 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E240JA16 | 24 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H240FA16 | 24 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H240GA16 | 24 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H240JA16 | 24 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E270FA16 | 27 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E270GA16 | 27 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E270JA16 | 27 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H270FA16 | 27 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H270GA16 | 27 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H270JA16 | 27 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E300FA16 | 30 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E300GA16 | 30 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E300JA16 | 30 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H300FA16 | 30 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H300GA16 | 30 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H300JA16 | 30 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E330FA16 | 33 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E330GA16 | 33 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E330JA16 | 33 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H330FA16 | 33 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H330GA16 | 33 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H330JA16 | 33 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E360FA16 | 36 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E360GA16 | 36 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E360JA16 | 36 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H360FA16 | 36 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H360GA16 | 36 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H360JA16 | 36 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E390FA16 | 39 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E390GA16 | 39 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E390JA16 | 39 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H390FA16 | 39 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H390GA16 | 39 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H390JA16 | 39 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E430FA16 | 43 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E430GA16 | 43 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E430JA16 | 43 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H430FA16 | 43 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H430GA16 | 43 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H430JA16 | 43 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E470FA16 | 47 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E470GA16 | 47 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E470JA16 | 47 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H470FA16 | 47 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H470GA16 | 47 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H470JA16 | 47 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E510FA16 | 51 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E510GA16 | 51 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1E510JA16 | 51 pF                 | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCM0335C1H510FA16 | 51 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                                      | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-------------------------------------------|------------------------------------|
| GCM0335C1H510GA16 | 51 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H510JA16 | 51 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E560FA16 | 56 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E560GA16 | 56 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E560JA16 | 56 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H560FA16 | 56 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H560GA16 | 56 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H560JA16 | 56 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E620FA16 | 62 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E620GA16 | 62 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E620JA16 | 62 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H620FA16 | 62 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H620GA16 | 62 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H620JA16 | 62 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E680FA16 | 68 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E680GA16 | 68 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E680JA16 | 68 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H680FA16 | 68 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H680GA16 | 68 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H680JA16 | 68 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E750FA16 | 75 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E750GA16 | 75 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E750JA16 | 75 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H750FA16 | 75 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H750GA16 | 75 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H750JA16 | 75 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E820FA16 | 82 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E820GA16 | 82 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E820JA16 | 82 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H820FA16 | 82 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H820GA16 | 82 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H820JA16 | 82 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E910FA16 | 91 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±1%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E910GA16 | 91 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1E910JA16 | 91 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GCM0335C1H910FA16 |                       |                   |                             |                     |                 |                       |                                           |                                    |

| Part Number       | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max.) | Capacitance<br>Tolerance | Type                             | Frequency Range<br>(simulation model) |
|-------------------|--------------------------|----------------------|--------------------------------|------------------------|---------------------|--------------------------|----------------------------------|---------------------------------------|
| GCM155L81H102KA01 | 1000 pF                  | 50Vdc                | X8L (MURATA)                   | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11H102KA01 | 1000 pF                  | 50Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R72A102KA01 | 1000 pF                  | 100Vdc               | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11H152KA01 | 1500 pF                  | 50Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R72A152KA01 | 1500 pF                  | 100Vdc               | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155L81H222KA01 | 2200 pF                  | 50Vdc                | X8L (MURATA)                   | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11H222KA01 | 2200 pF                  | 50Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R72A222KA01 | 2200 pF                  | 100Vdc               | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11H332KA01 | 3300 pF                  | 50Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R72A332KA01 | 3300 pF                  | 100Vdc               | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155L81H472KA01 | 4700 pF                  | 50Vdc                | X8L (MURATA)                   | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11H472KA01 | 4700 pF                  | 50Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R72A472KA01 | 4700 pF                  | 100Vdc               | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11E682KA01 | 6800 pF                  | 25Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11H682KA40 | 6800 pF                  | 50Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155L81E103KA01 | 10000 pF                 | 25Vdc                | X8L (MURATA)                   | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11E103KA01 | 10000 pF                 | 25Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11H103KA40 | 10000 pF                 | 50Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11E153KA40 | 15000 pF                 | 25Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R71H153KA40 | 15000 pF                 | 50Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155L81C223KA01 | 22000 pF                 | 16Vdc                | X8L (MURATA)                   | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11E223KA40 | 22000 pF                 | 25Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R71H223KA40 | 22000 pF                 | 50Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11C333KA01 | 33000 pF                 | 16Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11E333KA40 | 33000 pF                 | 25Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R71H333KE01 | 33000 pF                 | 50Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155L81C473KA01 | 47000 pF                 | 16Vdc                | X8L (MURATA)                   | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11C473KA01 | 47000 pF                 | 16Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11E473KA40 | 47000 pF                 | 25Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R71H473KE01 | 47000 pF                 | 50Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11C683KA40 | 68000 pF                 | 16Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R71H683KE01 | 68000 pF                 | 50Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155L81E104KE01 | 100000 pF                | 25Vdc                | X8L (MURATA)                   | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11A104KA01 | 100000 pF                | 10Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R11C104KA40 | 100000 pF                | 16Vdc                | R (JIS)                        | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R71A104KA01 | 100000 pF                | 10Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                        |
| GCM155R71H104KE37 | 100000 pF                | 50Vdc                | X7R (EIA)                      | 0402 (1005M)           |                     |                          |                                  |                                       |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type                             | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|----------------------------------|------------------------------------|
| GCM1555C1H7R0CA16 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H7R0DA16 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H7R0FA16 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H7R0WA16 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H8R0BA16 | 8 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H8R0CA16 | 8 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H8R0DA16 | 8 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H8R0FA16 | 8 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H8R0WA16 | 8 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H8R2BA16 | 8.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H8R2CA16 | 8.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H8R2DA16 | 8.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H8R0BA16 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H9R0CA16 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H9R0DA16 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H9R0WA16 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H100FA16 | 10 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H100GA16 | 10 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H100JA16 | 10 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H100RA16 | 10 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2.5%                 | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H120JA16 | 12 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H120FA16 | 12 pF                 | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H120GA16 | 12 pF                 | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H120JA16 | 12 pF                 | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H150JA16 | 15 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H150FA16 | 15 pF                 | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H150GA16 | 15 pF                 | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H150JA16 | 15 pF                 | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H180JA16 | 18 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H180FA16 | 18 pF                 | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H180GA16 | 18 pF                 | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H180JA16 | 18 pF                 | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H220JA16 | 22 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H220FA16 | 22 pF                 | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H220GA16 | 22 pF                 | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.              |                       |                                  |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                             | Frequency Range (Simulation Model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|----------------------------------|------------------------------------|
| GCM1555C1H621FA16 | 820 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H621GA16 | 820 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H621JA16 | 820 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555G1H621FA16 | 820 pF                | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555G1H621GA16 | 820 pF                | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555G1H621JA16 | 820 pF                | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H681FA16 | 680 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H681GA16 | 680 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H681JA16 | 680 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555G1H681FA16 | 680 pF                | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555G1H681GA16 | 680 pF                | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555G1H681JA16 | 680 pF                | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1557R1H681KA37 | 680 pF                | 50Vdc             | X7R (IEA)                   | 0402 (1005M)        | 0.55            | ±10%                  | Powertrain/Safety for Automotive | AEC-Q200 100 Hz - 6 GHz            |
| GCM1557R2A681KA37 | 680 pF                | 100Vdc            | X7R (IEA)                   | 0402 (1005M)        | 0.55            | ±10%                  | Powertrain/Safety for Automotive | AEC-Q200 100 Hz - 6 GHz            |
| GCM1555C1H821FA16 | 820 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H821GA16 | 820 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H821JA16 | 820 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555G1H821FA16 | 820 pF                | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555G1H821GA16 | 820 pF                | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555G1H821JA16 | 820 pF                | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz         |
| GCM1555C1H102FA16 | 1000 pF               | 50Vdc             | COG (IEA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz - 6 GHz             |
| GCM1555C1H102GA16 | 1000 pF               | 50Vdc             | COG (IEA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz - 6 GHz             |
| GCM1555C1H102JA16 | 1000 pF               | 50Vdc             | COG (IEA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz - 6 GHz             |
| GCM1555G1H102FA16 | 1000 pF               | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz - 6 GHz             |
| GCM1555G1H102GA16 | 1000 pF               | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz - 6 GHz             |
| GCM1555G1H102JA16 | 1000 pF               | 50Vdc             | X8G (MURATA)                | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz - 6 GHz             |
| GCM155L81H102KA37 | 1000 pF               | 50Vdc             | X8L (MURATA)                | 0402 (1005M)        | 0.55            | ±10%                  | Powertrain/Safety for Automotive | AEC-Q200 100 Hz - 6 GHz            |
| GCM1557R1H102KA37 | 1000 pF               | 50Vdc             | X7R (IEA)                   | 0402 (1005M)        | 0.55            | ±10%                  | Powertrain/Safety for Automotive | AEC-Q200 100 Hz - 6 GHz            |
| GCM1557R2A102KA37 | 1000 pF               | 100Vdc            | X7R (IEA)                   | 0402 (1005M)        | 0.55            | ±10%                  | Powertrain/Safety for Automotive | AEC-Q200 100 Hz - 6 GHz            |
| GCM1557R1H152KA37 | 1500 pF               | 50Vdc             | X7R (IEA)                   | 0402 (1005M)        | 0.55            | ±10%                  | Powertrain/Safety for Automotive | AEC-Q200 100 Hz - 6 GHz            |
| GCM1557R2A152KA37 | 1500 pF               | 100Vdc            | X7R (IEA)                   | 0402 (1005M)        | 0.55            | ±10%                  | Powertrain/Safety for Automotive | AEC-Q200 100 Hz - 6 GHz            |
| GCM155L81H222KA37 | 2200 pF               | 50Vdc             | X8L (MURATA)                | 0402 (1005M)        | 0.55            | ±10%                  | Powertrain/Safety for Automotive | AEC-Q200 100 Hz - 6 GHz            |
| GCM1557R1H222KA37 | 2200 pF               | 50Vdc             | X7R (IEA)                   | 0402 (1005M)        | 0.55            | ±10%                  | Powertrain/Safety for Automotive | AEC-Q200 100 Hz - 6 GHz            |
| GCM1557R2A222KA37 | 2200 pF               | 100Vdc            | X7R (IEA)                   | 0402 (1005M)        | 0.55            | ±10%                  | Powertrain/Safety for Automotive | AEC-Q200 100 Hz - 6 GHz            |
| GCM1557R1H332KA37 | 3300 pF               | 50Vdc             | X7R (IEA)                   | 0402 (1005M)        | 0.55            | ±10%                  | Powertrain/Safety for Automotive | AEC-Q200                           |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type                             | Frequency Range (Simulation Model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|----------------------------------|------------------------------------|
| GCM1882C1H820JA01 | 82 pF                 | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C2A820JA01 | 82 pF                 | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C1H101JA01 | 100 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C2A101JA01 | 100 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C1H121JA01 | 120 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C2A121JA01 | 120 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C1H151JA01 | 150 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C2A151JA01 | 150 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C1H181JA01 | 180 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C2A181JA01 | 180 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C1H221JA01 | 220 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C2A221JA01 | 220 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C1H271JA01 | 270 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C2A271JA01 | 270 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C1H331JA01 | 330 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C2A331JA01 | 330 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C1H391JA01 | 390 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C2A391JA01 | 390 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C1H471JA01 | 470 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C2A471JA01 | 470 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C1H561JA01 | 560 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C2A561JA01 | 560 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C1H681JA01 | 680 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C2A681JA01 | 680 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C1H821JA01 | 820 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C2A821JA01 | 820 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 100 MHz ~ 8.5 GHz                  |
| GCM1882C1H102JA01 | 1000 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C2A102JA01 | 1000 pF               | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U1H102JA01 | 1000 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U2A102JA01 | 1000 pF               | 100Vdc            | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM188R11E102KA01 | 1000 pF               | 25Vdc             | R (JIS)                     | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM188R17H102KA01 | 1000 pF               | 50Vdc             | R (JIS)                     | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM188R72A102KA01 | 1000 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM1882C1H122JA01 | 1200 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C2A122JA01 | 1200 pF               | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U1H122JA01 | 1200 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U2A122JA01 | 1200 pF               | 100Vdc            | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H152JA01 | 1500 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C2A152JA01 | 1500 pF               | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U1H152JA01 | 1500 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U2A152JA01 | 1500 pF               | 100Vdc            | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM188R11E152KA01 | 1500 pF               | 25Vdc             | R (JIS)                     | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM188R17H152KA01 | 1500 pF               | 50Vdc             | R (JIS)                     | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM188R72A152KA01 | 1500 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM1882C1K162GA01 | 1600 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K162JA01 | 1600 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H182JA01 | 1800 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K182GA01 | 1800 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K182JA01 | 1800 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U1H182JA01 | 1800 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U2A182JA01 | 1800 pF               | 100Vdc            | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K202GA01 | 2000 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K202JA01 | 2000 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H222JA01 | 2200 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K222GA01 | 2200 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K222JA01 | 2200 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U1H222JA01 | 2200 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U2A222JA01 | 2200 pF               | 100Vdc            | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM188R11E222KA01 | 2200 pF               | 25Vdc             | R (JIS)                     | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM188R17H222KA01 | 2200 pF               | 50Vdc             | R (JIS)                     | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM188R72A222KA01 | 2200 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM1882C1K242GA01 | 2400 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K242JA01 | 2400 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H272JA01 | 2700 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K272GA01 | 2700 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K272JA01 | 2700 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U1H272JA01 | 2700 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U2A272JA01 | 2700 pF               | 100Vdc            | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K302GA01 | 3000 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K302JA01 | 3000 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H332JA01 | 3300 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K332GA01 | 3300 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K332JA01 | 3300 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U1H332JA01 | 3300 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U2A332JA01 | 3300 pF               | 100Vdc            | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM188R11E332KA01 | 3300 pF               | 25Vdc             | R (JIS)                     | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM188R17H332KA01 | 3300 pF               | 50Vdc             | R (JIS)                     | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM188R72A332KA01 | 3300 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM1882C1K362GA01 | 3600 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K362JA01 | 3600 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H392JA01 | 3900 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K392GA01 | 3900 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1K392JA01 | 3900 pF               | 80Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U1H392JA01 | 3900 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U2A392JA01 | 3900 pF               | 100Vdc            | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H432GA01 | 4300 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H432JA01 | 4300 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U1H432JA01 | 4300 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U2A432JA01 | 4300 pF               | 100Vdc            | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H472GA01 | 4700 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H472JA01 | 4700 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U1H472JA01 | 4700 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U2A472JA01 | 4700 pF               | 100Vdc            | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM188R11E472KA01 | 4700 pF               | 25Vdc             | R (JIS)                     | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM188R17H472KA01 | 4700 pF               | 50Vdc             | R (JIS)                     | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM188R72A472KA01 | 4700 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM1882C1H512GA01 | 5100 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H512JA01 | 5100 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H562GA01 | 5600 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H562JA01 | 5600 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U1H562JA01 | 5600 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U2A562JA01 | 5600 pF               | 100Vdc            | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H622GA01 | 6200 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H622JA01 | 6200 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H682GA01 | 6800 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H682JA01 | 6800 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U1H682JA01 | 6800 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U2A682JA01 | 6800 pF               | 100Vdc            | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM188R11E682KA01 | 6800 pF               | 25Vdc             | R (JIS)                     | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM188R17H682KA01 | 6800 pF               | 50Vdc             | R (JIS)                     | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM188R72A682KA01 | 6800 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)          | 0.9              | ±10%                  | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM1882C1H752GA01 | 7500 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H752JA01 | 7500 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H822GA01 | 8200 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±2%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1882C1H822JA01 | 8200 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U1H822JA01 | 8200 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)          | 0.9              | ±5%                   | Powertrain/Safety for Automotive | 1 MHz ~ 6 GHz                      |
| GCM1887U2A822JA01 |                       |                   |                             |                       |                  |                       |                                  |                                    |

| Part Number         | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type                             | Frequency Range (simulation model) |
|---------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|----------------------------------|------------------------------------|
| GCM1882C1H912GA01   | 9100 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608)           | 0.9             | ± 2%                  | Powertrain/Safety for Automotive | 1 MHz - 6 GHz                      |
| GCM1882C1H912JA01   | 9100 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608)           | 0.9             | ± 5%                  | Powertrain/Safety for Automotive | 1 MHz - 6 GHz                      |
| GCM1882C1H103GA01   | 10000 pF              | 50Vdc             | CH (JIS)                    | 0603 (1608)           | 0.9             | ± 2%                  | Powertrain/Safety for Automotive | 1 MHz - 6 GHz                      |
| GCM1882C1H103JA01   | 10000 pF              | 50Vdc             | CH (JIS)                    | 0603 (1608)           | 0.9             | ± 5%                  | Powertrain/Safety for Automotive | 1 MHz - 6 GHz                      |
| GCM1887U1H103JA01   | 10000 pF              | 50Vdc             | U2J (EIA)                   | 0603 (1608)           | 0.9             | ± 5%                  | Powertrain/Safety for Automotive | 1 MHz - 6 GHz                      |
| GCM1887U2A103JA01   | 10000 pF              | 100Vdc            | U2J (EIA)                   | 0603 (1608)           | 0.9             | ± 5%                  | Powertrain/Safety for Automotive | 1 MHz - 6 GHz                      |
| GCM1887A1E103KA01   | 10000 pF              | 25Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1H103KA01   | 10000 pF              | 50Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A2A103KA01   | 10000 pF              | 100Vdc            | X7R (EIA)                   | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1E153KA01   | 15000 pF              | 25Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1H153KA01   | 15000 pF              | 50Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A2A153KA01   | 15000 pF              | 100Vdc            | X7R (EIA)                   | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1E223KA01   | 22000 pF              | 25Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1H223KA01   | 22000 pF              | 50Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A2A223KA01   | 22000 pF              | 100Vdc            | X7R (EIA)                   | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1E333KA01   | 33000 pF              | 25Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1H333KA01   | 33000 pF              | 50Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A2A333KA01   | 33000 pF              | 100Vdc            | X7R (EIA)                   | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1E473KA01   | 47000 pF              | 25Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1H473KA01   | 47000 pF              | 50Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A2A473KA01   | 47000 pF              | 100Vdc            | X7R (EIA)                   | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1E683KA42   | 68000 pF              | 25Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1H683KA42   | 68000 pF              | 50Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1C104KA01   | 100000 pF             | 16Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1E104KA42   | 100000 pF             | 25Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1H104KA42   | 100000 pF             | 50Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1E154KA01   | 150000 pF             | 25Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1H154KA49   | 150000 pF             | 50Vdc             | X7R (EIA)                   | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1C224KA01   | 220000 pF             | 16Vdc             | X8L (MURATA)                | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1A224KA01   | 220000 pF             | 10Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1C224KA01   | 220000 pF             | 16Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1E224KA40   | 220000 pF             | 25Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1H224KA49   | 220000 pF             | 50Vdc             | X7R (EIA)                   | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1C334KA01   | 330000 pF             | 16Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1C474KA40   | 470000 pF             | 16Vdc             | R (JIS)                     | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1E474KA49   | 470000 pF             | 25Vdc             | X7R (EIA)                   | 0603 (1608)           | 0.9             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1H105KE35   | 1 uF                  | 50Vdc             | X7T (EIA)                   | 0603 (1608)           | 1               | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz - 6 GHz                     |
| GCM1887A1Y0A105KE35 |                       |                   |                             |                       |                 |                       |                                  |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                             | Frequency Range            |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|----------------------------------|----------------------------|
| GCM1885C1H5R0BA16 | 5 nF                  | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H5R0CA16 | 5 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H5R0DA16 | 5 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A5R0BA16 | 5 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A5R0CA16 | 5 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A5R0DA16 | 5 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H5R6BA16 | 5.6 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H5R6CA16 | 5.6 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H5R6DA16 | 5.6 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A5R6BA16 | 5.6 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A5R6CA16 | 5.6 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A5R6DA16 | 5.6 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H6R0BA16 | 6 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H6R0CA16 | 6 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H6R0DA16 | 6 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A6R0BA16 | 6 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A6R0CA16 | 6 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A6R0DA16 | 6 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H6R8BA16 | 6.8 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H6R8CA16 | 6.8 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H6R8DA16 | 6.8 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A6R8BA16 | 6.8 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A6R8CA16 | 6.8 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A6R8DA16 | 6.8 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H7R0BA16 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H7R0CA16 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H7R0DA16 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A7R0BA16 | 7 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A7R0CA16 | 7 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A7R0DA16 | 7 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H8R0BA16 | 8 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H8R0CA16 | 8 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C1H8R0DA16 | 8 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A8R0BA16 | 8 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608)         | 0.9             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz - 8.5 GHz |
| GCM1885C2A8R0CA16 | 8 pF                  | 100Vdc            | COG (EIA)                   | 0                   |                 |                       |                                  |                            |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                             | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|----------------------------------|------------------------------------|
| GCM1885C1K182JA16 | 1800 pF               | 80Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1H182JA16 | 1800 pF               | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1J182GA16 | 1800 pF               | 63Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1J182JA16 | 1800 pF               | 63Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1K182GA16 | 1800 pF               | 80Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1K182JA16 | 1800 pF               | 80Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1887U1H182JA16 | 1800 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1887U2A182JA16 | 1800 pF               | 100Vdc            | U2J (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1J202GA16 | 2000 pF               | 63Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1J202JA16 | 2000 pF               | 63Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1K202GA16 | 2000 pF               | 80Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1K202JA16 | 2000 pF               | 80Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1H222JA16 | 2200 pF               | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1J222GA16 | 2200 pF               | 63Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1J222JA16 | 2200 pF               | 63Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1K222GA16 | 2200 pF               | 80Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1K222JA16 | 2200 pF               | 80Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1887U1H222JA16 | 2200 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1887U2A222JA16 | 2200 pF               | 100Vdc            | U2J (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1887E1E222KA37 | 2200 pF               | 25Vdc             | X7R (EIA)                   | 0603 (1608)         | 0.9             | ±10%                  | Powertrain/Safety for Automotive | AEC-Q200 100 Hz ~ 6 GHz            |
| GCM1887R1H222KA37 | 2200 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608)         | 0.9             | ±10%                  | Powertrain/Safety for Automotive | AEC-Q200 100 Hz ~ 6 GHz            |
| GCM1887R2A222KA37 | 2200 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608)         | 0.9             | ±10%                  | Powertrain/Safety for Automotive | AEC-Q200 100 Hz ~ 6 GHz            |
| GCM1885C1J242GA16 | 2400 pF               | 63Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1J242JA16 | 2400 pF               | 63Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1K242GA16 | 2400 pF               | 80Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1K242JA16 | 2400 pF               | 80Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1H272JA16 | 2700 pF               | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1K272JA16 | 2700 pF               | 80Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1887U1H272JA16 | 2700 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1887U2A272JA16 | 2700 pF               | 100Vdc            | U2J (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1J302GA16 | 3000 pF               | 63Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1J302JA16 | 3000 pF               | 63Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1K302GA16 | 3000 pF               | 80Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1K302JA16 | 3000 pF               | 80Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1H332JA16 | 3300 pF               | 50Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±5%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1J332GA16 | 3300 pF               | 63Vdc             | COG (EIA)                   | 0603 (1608)         | 0.9             | ±2%                   | Powertrain/Safety for Automotive | AEC-Q200 1 MHz ~ 6 GHz             |
| GCM1885C1J332JA16 | 3300 pF               |                   |                             |                     |                 |                       |                                  |                                    |

| Part Number        | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm/Mx) | Capacitance Tolerance | Type                                      | Frequency Range (simulation model) |
|--------------------|-----------------------|-------------------|-----------------------------|---------------------|----------------|-----------------------|-------------------------------------------|------------------------------------|
| GCM18BR7E224KA55   | 22000 pF              | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9            | ±1%                   | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 6 GHz                    |
| GCM18BR7H224KA64   | 22000 pF              | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18BR7I C334KA37 | 33000 pF              | 16Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18BR7I C474KA55 | 47000 pF              | 16Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18BR7I E474KA64 | 47000 pF              | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18D71H105KE36   | 1 uF                  | 50Vdc             | X7T (EIA)                   | 0603 (1608M)        | 1              | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18D7Y1A105KE36  | 1 uF                  | 35Vdc             | X7T (EIA)                   | 0603 (1608M)        | 1              | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18S9EH105KE08   | 1 uF                  | 50Vdc             | X8M (MURATA)                | 0603 (1608M)        | 1              | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18BR7I C105KA64 | 1 uF                  | 16Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18BR7I C105MA64 | 1 uF                  | 16Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9            | ±20%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18BR7I E105KA64 | 1 uF                  | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18BR7I E105MA64 | 1 uF                  | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9            | ±20%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18C7I A1225KE02 | 2.2 uF                | 10Vdc             | X7S (EIA)                   | 0603 (1608M)        | 0.9            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18C7I A1225ME02 | 2.2 uF                | 10Vdc             | X7S (EIA)                   | 0603 (1608M)        | 0.9            | ±20%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18R70J225KE22   | 2.2 uF                | 6.3Vdc            | X7R (EIA)                   | 0603 (1608M)        | 0.9            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18R70J225ME22   | 2.2 uF                | 6.3Vdc            | X7R (EIA)                   | 0603 (1608M)        | 0.9            | ±20%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18D70G106ME36   | 10 uF                 | 4Vdc              | X7T (EIA)                   | 0603 (1608M)        | 1              | ±20%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18D70J106ME36   | 10 uF                 | 6.3Vdc            | X7T (EIA)                   | 0603 (1608M)        | 1              | ±20%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18D70E226ME36   | 22 uF                 | 2.5Vdc            | X7T (EIA)                   | 0603 (1608M)        | 1              | ±20%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM18N9EA226ME08   | 22 uF                 | 2.5Vdc            | X8N (MURATA)                | 0603 (1608M)        | 1              | ±20%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GCM21AR72E102KX01  | 1000 pF               | 250Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1              | ±10%                  | 200V and over/ Automotive                 | 100 Hz ~ 3 GHz                     |
| GCM21AR72E152KX01  | 1500 pF               | 250Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1              | ±10%                  | 200V and over/ Automotive                 | 100 Hz ~ 3 GHz                     |
| GCM21AR72E222KX01  | 2200 pF               | 250Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1              | ±10%                  | 200V and over/ Automotive                 | 100 Hz ~ 3 GHz                     |
| GCM21AR72E332KX01  | 3300 pF               | 250Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1              | ±10%                  | 200V and over/ Automotive                 | 100 Hz ~ 3 GHz                     |
| GCM21AR72E472KX01  | 4700 pF               | 250Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1              | ±10%                  | 200V and over/ Automotive                 | 100 Hz ~ 3 GHz                     |
| GCM21AR72E682KX01  | 6800 pF               | 250Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1              | ±10%                  | 200V and over/ Automotive                 | 100 Hz ~ 3 GHz                     |
| GCM21BR72E103KX03  | 10000 pF              | 250Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.45           | ±10%                  | 200V and over/ Automotive                 | 100 Hz ~ 3 GHz                     |
| GCM21BR72E153KX03  | 15000 pF              | 250Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.45           | ±10%                  | 200V and over/ Automotive                 | 100 Hz ~ 3 GHz                     |
| GCM21BR72E223KX03  | 22000 pF              | 250Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.45           | ±10%                  | 200V and over/ Automotive                 | 100 Hz ~ 3 GHz                     |
| GCM21A5C2E100FX01  | 10 pF                 | 250Vdc            | CG (EIA)                    | 0805 (2012M)        | 1              | ±1%                   | 200V and over/ Automotive AEC-Q200        | 100 MHz ~ 3 GHz                    |
| GCM21A5C2E100GX01  | 10 pF                 | 250Vdc            | CG (EIA)                    | 0805 (2012M)        | 1              | ±2%                   | 200V and over/ Automotive AEC-Q200        | 100 MHz ~ 3 GHz                    |
| GCM21A5C2E100JX01  | 10 pF                 | 250Vdc            | CG (EIA)                    | 0805 (2012M)        | 1              | ±5%                   | 200V and over/ Automotive AEC-Q200        | 100 MHz ~ 3 GHz                    |
| GCM21A5C2J100FX01  | 10 pF                 | 630Vdc            | CG (EIA)                    | 0805 (2012M)        | 1              | ±1%                   | 200V and over/ Automotive AEC-Q200        | 100 MHz ~ 3 GHz                    |
| GCM21A5C2J100GX01  | 10 pF                 | 630Vdc            | CG (EIA)                    | 0805 (2012M)        | 1              | ±2%                   | 200V and over/ Automotive AEC-Q200        | 100 MHz ~ 3 GHz                    |
| GCM21A5C2J100JX01  | 10 pF                 | 630Vdc            | CG (EIA)                    | 0805 (2012M)        | 1              | ±5%                   | 200V and over/ Automotive AEC-Q200        | 100 MHz ~ 3 GHz                    |
| GCM21A5C2E120FX01  | 12 pF                 | 250Vdc            | CG (EIA)                    | 0805 (2012M)        | 1              | ±1%                   | 200V and over/ Automotive AEC-Q200        | 100 MHz ~ 3 GHz                    |
| GCM21A5C2E120      |                       |                   |                             |                     |                |                       |                                           |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inches (mm)) | T size (mm Max.) | Capacitance Tolerance | Type                      | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-------------------------|------------------|-----------------------|---------------------------|------------------------------------|
| CGM21A5C2E151JX01 | 150 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J151FX01 | 150 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J151GX01 | 150 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J151JX01 | 150 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A7U2E151JX01 | 150 pF                | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E181FX01 | 180 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E181GX01 | 180 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E181JX01 | 180 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J181FX01 | 180 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J181GX01 | 180 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J181JX01 | 180 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A7U2E181JX01 | 180 pF                | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E221FX01 | 220 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E221GX01 | 220 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E221JX01 | 220 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J221FX01 | 220 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J221GX01 | 220 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J221JX01 | 220 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A7U2E221JX01 | 220 pF                | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E271FX01 | 270 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E271GX01 | 270 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E271JX01 | 270 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J271FX01 | 270 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J271GX01 | 270 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J271JX01 | 270 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A7U2E271JX01 | 270 pF                | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E331FX01 | 330 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E331GX01 | 330 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E331JX01 | 330 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J331FX01 | 330 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J331GX01 | 330 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J331JX01 | 330 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A7U2E331JX01 | 330 pF                | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E391FX01 | 390 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E391GX01 | 390 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E391JX01 | 390 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J391FX01 | 390 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J391GX01 | 390 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J391JX01 | 390 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A7U2E391JX01 | 390 pF                | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E471FX01 | 470 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E471GX01 | 470 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E471JX01 | 470 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J471FX01 | 470 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J471GX01 | 470 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J471JX01 | 470 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A7U2E471JX01 | 470 pF                | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E561FX01 | 560 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E561GX01 | 560 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E561JX01 | 560 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J561FX01 | 560 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J561GX01 | 560 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2J561JX01 | 560 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A7U2E561JX01 | 560 pF                | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E681FX01 | 680 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E681GX01 | 680 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E681JX01 | 680 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A7U2E681JX01 | 680 pF                | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J681FX03 | 680 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J681GX03 | 680 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J681JX03 | 680 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E821FX01 | 820 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E821GX01 | 820 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E821JX01 | 820 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A7U2E821JX01 | 820 pF                | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J821FX03 | 820 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J821GX03 | 820 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J821JX03 | 820 pF                | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E102FX01 | 1000 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E102GX01 | 1000 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E102JX01 | 1000 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A7U2E102JX01 | 1000 pF               | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J102FX03 | 1000 pF               | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J102GX03 | 1000 pF               | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J102JX03 | 1000 pF               | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E122FX01 | 1200 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E122GX01 | 1200 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E122JX01 | 1200 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A7U2E122JX01 | 1200 pF               | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J122FX03 | 1200 pF               | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J122GX03 | 1200 pF               | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J122JX03 | 1200 pF               | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E152FX01 | 1500 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E152GX01 | 1500 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E152JX01 | 1500 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A7U2E152JX01 | 1500 pF               | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J152FX0A | 1500 pF               | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J152GX0A | 1500 pF               | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J152JX0A | 1500 pF               | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E182FX01 | 1800 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E182GX01 | 1800 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E182JX01 | 1800 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A7U2E182JX01 | 1800 pF               | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J182FX0A | 1800 pF               | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J182GX0A | 1800 pF               | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J182JX0A | 1800 pF               | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E222FX01 | 2200 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E222GX01 | 2200 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E222JX01 | 2200 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A7U2E222JX01 | 2200 pF               | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J222FX0A | 2200 pF               | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J222GX0A | 2200 pF               | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2J222JX0A | 2200 pF               | 630Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E272FX01 | 2700 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E272GX01 | 2700 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21A5C2E272JX01 | 2700 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B7U2E272JX03 | 2700 pF               | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1.45             | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2E332FX01 | 3300 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2E332GX01 | 3300 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2E332JX01 | 3300 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B7U2E332JX03 | 3300 pF               | 250Vdc            | U2J (EIA)                   | 0805 (2012M)            | 1.45             | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2E392FX01 | 3900 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 1%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2E392GX01 | 3900 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 2%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B5C2E392JX01 | 3900 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 5%                  | 200V and over/ Automotive | AEC-Q200                           |
| CGM21B7           |                       |                   |                             |                         |                  |                       |                           |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type                                 | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|--------------------------------------|------------------------------------|
| GCM21B5C2E472JX01 | 4700 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)          | 1.45            | ± 5%                  | 200V and over/ Automotive [AEC-Q200] | 1 MHz ~ 1 GHz                      |
| GCM21B7U2E472JX03 | 4700 pF               | 250Vdc            | U2J (EIA)                   | 0805 (2012M)          | 1.45            | ± 5%                  | 200V and over/ Automotive [AEC-Q200] | 1 MHz ~ 3 GHz                      |
| GCM21B5C2E562FX0A | 5600 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)          | 1.45            | ± 1%                  | 200V and over/ Automotive [AEC-Q200] | 100 kHz ~ 1 GHz                    |
| GCM21B5C2E562GX0A | 5600 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)          | 1.45            | ± 2%                  | 200V and over/ Automotive [AEC-Q200] | 100 kHz ~ 1 GHz                    |
| GCM21B5C2E562JX0A | 5600 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)          | 1.45            | ± 5%                  | 200V and over/ Automotive [AEC-Q200] | 100 kHz ~ 1 GHz                    |
| GCM21B7U2E562JX03 | 5600 pF               | 250Vdc            | U2J (EIA)                   | 0805 (2012M)          | 1.45            | ± 5%                  | 200V and over/ Automotive [AEC-Q200] | 1 MHz ~ 3 GHz                      |
| GCM21B5C2E682FX0A | 6800 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)          | 1.45            | ± 1%                  | 200V and over/ Automotive [AEC-Q200] | 100 kHz ~ 1 GHz                    |
| GCM21B5C2E682GX0A | 6800 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)          | 1.45            | ± 2%                  | 200V and over/ Automotive [AEC-Q200] | 100 kHz ~ 1 GHz                    |
| GCM21B5C2E682JX0A | 6800 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)          | 1.45            | ± 5%                  | 200V and over/ Automotive [AEC-Q200] | 100 kHz ~ 1 GHz                    |
| GCM21B5C2E822FX0A | 8200 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)          | 1.45            | ± 1%                  | 200V and over/ Automotive [AEC-Q200] | 100 kHz ~ 1 GHz                    |
| GCM21B5C2E822GX0A | 8200 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)          | 1.45            | ± 2%                  | 200V and over/ Automotive [AEC-Q200] | 100 kHz ~ 1 GHz                    |
| GCM21B5C2E822JX0A | 8200 pF               | 250Vdc            | COG (EIA)                   | 0805 (2012M)          | 1.45            | ± 5%                  | 200V and over/ Automotive [AEC-Q200] | 100 kHz ~ 1 GHz                    |
| GCM21B5C2E103FX0A | 10000 pF              | 250Vdc            | COG (EIA)                   | 0805 (2012M)          | 1.45            | ± 1%                  | 200V and over/ Automotive [AEC-Q200] | 100 kHz ~ 1 GHz                    |
| GCM21B5C2E103GX0A | 10000 pF              | 250Vdc            | COG (EIA)                   | 0805 (2012M)          | 1.45            | ± 2%                  | 200V and over/ Automotive [AEC-Q200] | 100 kHz ~ 1 GHz                    |
| GCM21B5C2E103JX0A | 10000 pF              | 250Vdc            | COG (EIA)                   | 0805 (2012M)          | 1.45            | ± 5%                  | 200V and over/ Automotive [AEC-Q200] | 100 kHz ~ 1 GHz                    |
| GCM2162C2A101JA01 | 100 pF                | 100Vdc            | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 100 MHz ~ 8.5 GHz                  |
| GCM2162C2A121JA01 | 120 pF                | 100Vdc            | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 100 MHz ~ 8.5 GHz                  |
| GCM2162C2A151JA01 | 150 pF                | 100Vdc            | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 100 MHz ~ 8.5 GHz                  |
| GCM2162C2A181JA01 | 180 pF                | 100Vdc            | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 100 MHz ~ 8.5 GHz                  |
| GCM2162C2A221JA01 | 220 pF                | 100Vdc            | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 100 MHz ~ 8.5 GHz                  |
| GCM2162C2A271JA01 | 270 pF                | 100Vdc            | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 100 MHz ~ 8.5 GHz                  |
| GCM2162C2A331JA01 | 330 pF                | 100Vdc            | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 100 MHz ~ 8.5 GHz                  |
| GCM2162C2A391JA01 | 390 pF                | 100Vdc            | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 100 MHz ~ 8.5 GHz                  |
| GCM2162C2A471JA01 | 470 pF                | 100Vdc            | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 100 MHz ~ 8.5 GHz                  |
| GCM2162C1H561JA01 | 560 pF                | 50Vdc             | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 100 MHz ~ 8.5 GHz                  |
| GCM2162C2A561JA01 | 560 pF                | 100Vdc            | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 100 MHz ~ 8.5 GHz                  |
| GCM2162C1H681JA01 | 680 pF                | 50Vdc             | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 100 MHz ~ 8.5 GHz                  |
| GCM2162C2A681JA01 | 680 pF                | 100Vdc            | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 100 MHz ~ 8.5 GHz                  |
| GCM2162C1H821JA01 | 820 pF                | 50Vdc             | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 100 MHz ~ 8.5 GHz                  |
| GCM2162C2A821JA01 | 820 pF                | 100Vdc            | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 100 MHz ~ 8.5 GHz                  |
| GCM2162C1H102JA01 | 1000 pF               | 50Vdc             | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 1 MHz ~ 6 GHz                      |
| GCM2162C2A102JA01 | 1000 pF               | 100Vdc            | CH (JIS)                    | 0805 (2012M)          | 0.7             | ± 5%                  | Powertrain/Safety for Automotive     | 1 MHz ~ 6 GHz                      |
| GCM2199E2A102KA04 | 1000 pF               | 100Vdc            | ZLM (MURATA)                | 0805 (2012M)          | 0.95            | ± 10%                 | Powertrain/Safety for Automotive     | 1 MHz ~ 6 GHz                      |
| GCM2199E2A102MA04 | 1000 pF               | 100Vdc            | ZLM (MURATA)                | 0805 (2012M)          | 0.95            | ± 20%                 | Powertrain/Safety for Automotive     | 1 MHz ~ 6 GHz                      |
| GCM2199E2A112KA04 | 1100 pF               | 100Vdc            | ZLM (MURATA)                | 0805 (2012M)          | 0.95            | ± 10%                 | Powertrain/Safety for Automotive     | 1 MHz ~ 6 GHz                      |
| GCM2199E2A112MA04 | 1100 pF               | 100Vdc            | ZLM (M                      |                       |                 |                       |                                      |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                             | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|----------------------------------|------------------------------------|
| GCM219R11C105KA01 | 1 uF                  | 16Vdc             | R (JIS)                     | 0805 (2012M)        | 0.95            | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BC72A105KE35 | 1 uF                  | 100Vdc            | X7S (EIA)                   | 0805 (2012M)        | 1.45            | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BC72A105ME35 | 1 uF                  | 100Vdc            | X7S (EIA)                   | 0805 (2012M)        | 1.45            | ± 20%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BR11A105KA01 | 1 uF                  | 10Vdc             | R (JIS)                     | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BR11E105KA42 | 1 uF                  | 25Vdc             | R (JIS)                     | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BR71H105KA01 | 1 uF                  | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BR7YA105KA40 | 1 uF                  | 35Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BR71E155KA36 | 1.5 uF                | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BR71E155MA36 | 1.5 uF                | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 20%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BR7YA155KA36 | 1.5 uF                | 35Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BC7YA225KE01 | 2.2 uF                | 35Vdc             | X7S (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BD71H225KE35 | 2.2 uF                | 50Vdc             | X7T (EIA)                   | 0805 (2012M)        | 1.45            | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BR71A225KA49 | 2.2 uF                | 10Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BR71C225KA49 | 2.2 uF                | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BR71E225KA67 | 2.2 uF                | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BC71A475KA67 | 4.7 uF                | 10Vdc             | X7S (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BC71E475KE35 | 4.7 uF                | 25Vdc             | X7S (EIA)                   | 0805 (2012M)        | 1.45            | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BC7YA475KE35 | 4.7 uF                | 35Vdc             | X7S (EIA)                   | 0805 (2012M)        | 1.45            | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BR71C475KA67 | 4.7 uF                | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BC71C106KE35 | 10 uF                 | 16Vdc             | X7S (EIA)                   | 0805 (2012M)        | 1.45            | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BR70J106KE21 | 10 uF                 | 6.3Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BR71A106KE21 | 10 uF                 | 10Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ± 10%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM21BD70J226ME35 | 22 uF                 | 6.3Vdc            | X7T (EIA)                   | 0805 (2012)         | 1.45            | ± 20%                 | Powertrain/Safety for Automotive | 100 Hz ~ 6 GHz                     |
| GCM2165C2A101JA16 | 100 uF                | 100Vdc            | COG (EIA)                   | 0805 (2012M)        | 0.7             | ± 5%                  | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 8.5 GHz         |
| GCM2165C2A121JA16 | 120 uF                | 100Vdc            | COG (EIA)                   | 0805 (2012M)        | 0.7             | ± 5%                  | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 8.5 GHz         |
| GCM2165C2A151JA16 | 150 uF                | 100Vdc            | COG (EIA)                   | 0805 (2012M)        | 0.7             | ± 5%                  | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 8.5 GHz         |
| GCM2165C2A181JA16 | 180 uF                | 100Vdc            | COG (EIA)                   | 0805 (2012M)        | 0.7             | ± 5%                  | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 8.5 GHz         |
| GCM2165C2A221JA16 | 220 uF                | 100Vdc            | COG (EIA)                   | 0805 (2012M)        | 0.7             | ± 5%                  | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 8.5 GHz         |
| GCM2165C2A271JA16 | 270 uF                | 100Vdc            | COG (EIA)                   | 0805 (2012M)        | 0.7             | ± 5%                  | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 8.5 GHz         |
| GCM2165C2A331JA16 | 330 uF                | 100Vdc            | COG (EIA)                   | 0805 (2012M)        | 0.7             | ± 5%                  | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 8.5 GHz         |
| GCM2165C2A391JA16 | 390 uF                | 100Vdc            | COG (EIA)                   | 0805 (2012M)        | 0.7             | ± 5%                  | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 8.5 GHz         |
| GCM2165C2A471JA16 | 470 uF                | 100Vdc            | COG (EIA)                   | 0805 (2012M)        | 0.7             | ± 5%                  | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 8.5 GHz         |
| GCM2165C1H561JA16 | 560 pF                | 50Vdc             | COG (EIA)                   | 0805 (2012M)        | 0.7             | ± 5%                  | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 8.5 GHz         |
| GCM2165C2A561JA16 | 560 pF                | 100Vdc            | COG (EIA)                   | 0805 (2012M)        | 0.7             | ± 5%                  | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 8.5 GHz         |
| GCM2165C1H681JA16 | 680 pF                | 50Vdc             | COG (EIA)                   | 0805 (2012M)        | 0.7             | ± 5%                  | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 8.5 GHz         |
| GCM2165C2A681JA16 | 680 pF                | 100Vdc            | COG (EIA)                   | 0805 (2012M)        | 0.7             | ± 5%                  | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 8.5 GHz         |
| GCM2165C1H821JA16 | 820 pF                | 50Vdc             | COG (EIA)                   | 0805 (20            |                 |                       |                                  |                                    |

| Part Number        | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm max) | Capacitance Tolerance | Type                                        | Frequency Range (simulation model) |
|--------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|---------------------------------------------|------------------------------------|
| GCM219R7IH333KA37  | 33000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM219R7A333KA37   | 33000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IH473KA37  | 47000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7A473KA37   | 47000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IH683KA37  | 68000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7A683KA37   | 68000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IE104KA37  | 100000 pF             | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IH104KA37  | 100000 pF             | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7A2A104KA37 | 100000 pF             | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IE154KA37  | 150000 pF             | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IH154KA37  | 150000 pF             | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM219R7IC224KA37  | 220000 pF             | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IE224KA37  | 220000 pF             | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IH224KA37  | 220000 pF             | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM219R7IH334KA55  | 33000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IE334KA37  | 33000 pF              | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM219R7IE474KA55  | 47000 pF              | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IC474KA37  | 47000 pF              | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IH474KA55  | 47000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM219R7IC684KA37  | 68000 pF              | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IE684KA55  | 68000 pF              | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7YA684KA55  | 68000 pF              | 35Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM219R7IC105KA37  | 1 uF                  | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BC72A105KE36  | 1 uF                  | 100Vdc            | X7S (EIA)                   | 0805 (2012M)        | 1.45            | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BC72A105ME36  | 1 uF                  | 100Vdc            | X7S (EIA)                   | 0805 (2012M)        | 1.45            | ±20%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IE105KA55  | 1 uF                  | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IH105KA03  | 1 uF                  | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7YA105KA55  | 1 uF                  | 35Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BL8EF155KA07  | 1.5 uF                | 25Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IE155KA54  | 1.5 uF                | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7IE155MA54  | 1.5 uF                | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±20%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BR7YA155KA54  | 1.5 uF                | 35Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BC7YA225KE02  | 2.2 uF                | 35Vdc             | X7S (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BD7IH225KE36  | 2.2 uF                | 50Vdc             | X7T (EIA)                   | 0805 (2012M)        | 1.45            | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BL8EG225KE07  | 2.2 uF                | 35Vdc             | X8L (MURATA)                | 0805 (2012M)        | 1.4             | ±10%                  | Powertrain/Safety for Automotive [AEC-Q200] | 100 Hz - 6 GHz                     |
| GCM21BM8EH225KE08  |                       |                   |                             |                     |                 |                       |                                             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max.) | Capacitance Tolerance | Type                      | Frequency Range (simulation model) |
|-------------------|-----------------------|---------------|-----------------------------|---------------------|------------------|-----------------------|---------------------------|------------------------------------|
| GCM31A5C2J270FX01 | 27 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J270GX01 | 27 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J270JX01 | 27 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A270FX01 | 27 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A270GX01 | 27 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A270JX01 | 27 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U2J270JX01 | 27 pF                 | 630Vdc        | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J330FX01 | 33 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J330GX01 | 33 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J330JX01 | 33 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A330FX01 | 33 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A330GX01 | 33 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A330JX01 | 33 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U2J330JX01 | 33 pF                 | 630Vdc        | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U3A330JX01 | 33 pF                 | 1000Vdc       | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J390FX01 | 39 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J390GX01 | 39 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J390JX01 | 39 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A390FX01 | 39 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A390GX01 | 39 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A390JX01 | 39 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U2J390JX01 | 39 pF                 | 630Vdc        | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U3A390JX01 | 39 pF                 | 1000Vdc       | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J470FX01 | 47 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J470GX01 | 47 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J470JX01 | 47 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A470FX01 | 47 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A470GX01 | 47 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A470JX01 | 47 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U2J470JX01 | 47 pF                 | 630Vdc        | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U3A470JX01 | 47 pF                 | 1000Vdc       | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J560FX01 | 56 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J560GX01 | 56 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J560JX01 | 56 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A560FX01 | 56 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A560GX01 | 56 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A560JX01 | 56 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U2J560JX01 | 56 pF                 | 630Vdc        | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U3A560JX01 | 56 pF                 | 1000Vdc       | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J680FX01 | 68 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J680GX01 | 68 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J680JX01 | 68 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A680FX01 | 68 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A680GX01 | 68 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A680JX01 | 68 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U2J680JX01 | 68 pF                 | 630Vdc        | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U3A680JX01 | 68 pF                 | 1000Vdc       | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J820FX01 | 82 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J820GX01 | 82 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J820JX01 | 82 pF                 | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A820FX01 | 82 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A820GX01 | 82 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A820JX01 | 82 pF                 | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U2J820JX01 | 82 pF                 | 630Vdc        | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U3A820JX01 | 82 pF                 | 1000Vdc       | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J101FX01 | 100 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J101GX01 | 100 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J101JX01 | 100 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A101FX01 | 100 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A101GX01 | 100 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A101JX01 | 100 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U2J101JX01 | 100 pF                | 630Vdc        | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U3A101JX01 | 100 pF                | 1000Vdc       | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J121FX01 | 120 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J121GX01 | 120 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J121JX01 | 120 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A121FX01 | 120 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A121GX01 | 120 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A121JX01 | 120 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U2J121JX01 | 120 pF                | 630Vdc        | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U3A121JX01 | 120 pF                | 1000Vdc       | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J151FX01 | 150 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J151GX01 | 150 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J151JX01 | 150 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A151FX01 | 150 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A151GX01 | 150 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A151JX01 | 150 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U2J151JX01 | 150 pF                | 630Vdc        | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U3A151JX01 | 150 pF                | 1000Vdc       | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J181FX01 | 180 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J181GX01 | 180 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J181JX01 | 180 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A181FX01 | 180 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A181GX01 | 180 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A181JX01 | 180 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U2J181JX01 | 180 pF                | 630Vdc        | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U3A181JX01 | 180 pF                | 1000Vdc       | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J221FX01 | 220 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J221GX01 | 220 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J221JX01 | 220 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A221FX01 | 220 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A221GX01 | 220 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A221JX01 | 220 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U2J221JX01 | 220 pF                | 630Vdc        | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U3A221JX01 | 220 pF                | 1000Vdc       | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J271FX01 | 270 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J271GX01 | 270 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J271JX01 | 270 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A271FX01 | 270 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A271GX01 | 270 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A271JX01 | 270 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U2J271JX01 | 270 pF                | 630Vdc        | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U3A271JX01 | 270 pF                | 1000Vdc       | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J331FX01 | 330 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J331GX01 | 330 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J331JX01 | 330 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A331FX01 | 330 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A331GX01 | 330 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A331JX01 | 330 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U2J331JX01 | 330 pF                | 630Vdc        | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A7U3A331JX01 | 330 pF                | 1000Vdc       | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J391FX01 | 390 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J391GX01 | 390 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C2J391JX01 | 390 pF                | 630Vdc        | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A391FX01 | 390 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A391GX01 | 390 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ Automotive | AEC-Q200                           |
| GCM31A5C3A391JX01 | 390 pF                | 1000Vdc       | COG (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ Automotive | AEC-Q200                           |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type                      | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|---------------------------|------------------------------------|
| GCM31A5C3A391JX01 | 390 pF                | 1000Vdc           | COG (EIA)                   | 1206 (3216M)          | 1                | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A7U2J391JX01 | 390 pF                | 630Vdc            | U2J (EIA)                   | 1206 (3216M)          | 1                | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31B7U3A391JX01 | 390 pF                | 1000Vdc           | U2J (EIA)                   | 1206 (3216M)          | 1.25             | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C2J471FX01 | 470 pF                | 630Vdc            | COG (EIA)                   | 1206 (3216M)          | 1                | ± 1%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C2J471GX01 | 470 pF                | 630Vdc            | COG (EIA)                   | 1206 (3216M)          | 1                | ± 2%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C2J471JX01 | 470 pF                | 630Vdc            | COG (EIA)                   | 1206 (3216M)          | 1                | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C3A471FX01 | 470 pF                | 1000Vdc           | COG (EIA)                   | 1206 (3216M)          | 1                | ± 1%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C3A471GX01 | 470 pF                | 1000Vdc           | COG (EIA)                   | 1206 (3216M)          | 1                | ± 2%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C3A471JX01 | 470 pF                | 1000Vdc           | COG (EIA)                   | 1206 (3216M)          | 1                | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A7U2J471JX01 | 470 pF                | 630Vdc            | U2J (EIA)                   | 1206 (3216M)          | 1                | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31B7U3A471JX01 | 470 pF                | 1000Vdc           | U2J (EIA)                   | 1206 (3216M)          | 1.25             | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C2J561FX01 | 560 pF                | 630Vdc            | COG (EIA)                   | 1206 (3216M)          | 1                | ± 1%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C2J561GX01 | 560 pF                | 630Vdc            | COG (EIA)                   | 1206 (3216M)          | 1                | ± 2%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C2J561JX01 | 560 pF                | 630Vdc            | COG (EIA)                   | 1206 (3216M)          | 1                | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A7U2J561JX01 | 560 pF                | 630Vdc            | U2J (EIA)                   | 1206 (3216M)          | 1                | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31B5C3A561FX01 | 560 pF                | 1000Vdc           | COG (EIA)                   | 1206 (3216M)          | 1.25             | ± 1%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31B5C3A561GX01 | 560 pF                | 1000Vdc           | COG (EIA)                   | 1206 (3216M)          | 1.25             | ± 2%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31B5C3A561JX01 | 560 pF                | 1000Vdc           | COG (EIA)                   | 1206 (3216M)          | 1.25             | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31B7U3A561JX01 | 560 pF                | 1000Vdc           | U2J (EIA)                   | 1206 (3216M)          | 1.25             | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C2J681FX01 | 680 pF                | 630Vdc            | COG (EIA)                   | 1206 (3216M)          | 1                | ± 1%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C2J681GX01 | 680 pF                | 630Vdc            | COG (EIA)                   | 1206 (3216M)          | 1                | ± 2%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C2J681JX01 | 680 pF                | 630Vdc            | COG (EIA)                   | 1206 (3216M)          | 1                | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A7U2J681JX01 | 680 pF                | 630Vdc            | U2J (EIA)                   | 1206 (3216M)          | 1                | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31B5C3A681FX01 | 680 pF                | 1000Vdc           | COG (EIA)                   | 1206 (3216M)          | 1.25             | ± 1%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31B5C3A681GX01 | 680 pF                | 1000Vdc           | COG (EIA)                   | 1206 (3216M)          | 1.25             | ± 2%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31B5C3A681JX01 | 680 pF                | 1000Vdc           | COG (EIA)                   | 1206 (3216M)          | 1.25             | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31B7U3A681JX01 | 680 pF                | 1000Vdc           | U2J (EIA)                   | 1206 (3216M)          | 1.25             | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C2J821FX01 | 820 pF                | 630Vdc            | COG (EIA)                   | 1206 (3216M)          | 1                | ± 1%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C2J821GX01 | 820 pF                | 630Vdc            | COG (EIA)                   | 1206 (3216M)          | 1                | ± 2%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C2J821JX01 | 820 pF                | 630Vdc            | COG (EIA)                   | 1206 (3216M)          | 1                | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A7U2J821JX01 | 820 pF                | 630Vdc            | U2J (EIA)                   | 1206 (3216M)          | 1                | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31C5C3A821FX03 | 820 pF                | 1000Vdc           | COG (EIA)                   | 1206 (3216M)          | 1.8              | ± 1%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31C5C3A821GX03 | 820 pF                | 1000Vdc           | COG (EIA)                   | 1206 (3216M)          | 1.8              | ± 2%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31C5C3A821JX03 | 820 pF                | 1000Vdc           | COG (EIA)                   | 1206 (3216M)          | 1.8              | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31C7U3A821JX03 | 820 pF                | 1000Vdc           | U2J (EIA)                   | 1206 (3216M)          | 1.8              | ± 5%                  | 200V and over/ Automotive | 100 MHz - 3 GHz                    |
| GCM31A5C2J102FX01 | 1000 pF               | 630Vdc            | COG (EIA)                   | 1206 (3216M)          | 1                | ± 1%                  | 200V and over/ Automotive | 1 MHz - 1 GHz                      |
| GCM31A5C2J102GX01 | 1000 pF               | 6                 |                             |                       |                  |                       |                           |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                             | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|----------------------------------|------------------------------------|
| GCM3192C2A103JA01 | 10000 pF              | 100Vdc            | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM3192C1H123JA01 | 12000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM3192C1H153JA01 | 15000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM3192C1H183JA01 | 18000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM3192C1K203JA01 | 20000 pF              | 80Vdc             | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM3192C1H223JA01 | 22000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM3192C1H273JA01 | 27000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM3192C1K273GA01 | 27000 pF              | 80Vdc             | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±2%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM3192C1K273JA01 | 27000 pF              | 80Vdc             | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM3192C1H333JA01 | 33000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM3192C1K333JA01 | 33000 pF              | 80Vdc             | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM3195C1J333JA01 | 33000 pF              | 63Vdc             | COG (EIA)                   | 1206 (3216mm)       | 0.95            | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM3195C1K333JA01 | 33000 pF              | 80Vdc             | COG (EIA)                   | 1206 (3216mm)       | 0.95            | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM3192C1H393JA01 | 39000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31M2C1H473JA01 | 47000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.25            | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31M2C1H563JA01 | 56000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.25            | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31C2C1H683FA01 | 68000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±1%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31C2C1H683GA01 | 68000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±2%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31C2C1H683JA01 | 68000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31C2C2A683JE01 | 68000 pF              | 100Vdc            | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31C2C1H753FA01 | 75000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±1%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31C2C1H753GA01 | 75000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±2%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31C2C1H753JA01 | 75000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31C2C1H823FA01 | 82000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±1%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31C2C1H823GA01 | 82000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±2%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31C2C1H823JA01 | 82000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31C2C2A823JE01 | 82000 pF              | 100Vdc            | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31C2C1H913FA01 | 91000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±1%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31C2C1H913GA01 | 91000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±2%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31C2C1H913JA01 | 91000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM319R72A104KA01 | 10000 pF              | 100Vdc            | X7R (EIA)                   | 1206 (3216mm)       | 0.95            | ±10%                  | Powertrain/Safety for Automotive | 100 Hz – 6 GHz                     |
| GCM31C2C1H104JA01 | 100000 pF             | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31C2C2A104JE01 | 100000 pF             | 100Vdc            | CH (JIS)                    | 1206 (3216mm)       | 1.8             | ±5%                   | Powertrain/Safety for Automotive | 1 MHz – 6 GHz                      |
| GCM31MR72A154KA01 | 150000 pF             | 100Vdc            | X7R (EIA)                   | 1206 (3216mm)       | 1.25            | ±10%                  | Powertrain/Safety for Automotive | 100 Hz – 6 GHz                     |
| GCM31MR72A224KA01 | 220000 pF             | 100Vdc            | X7R (EIA)                   | 1206 (3216mm)       | 1.25            | ±10%                  | Powertrain/Safety for Automotive | 100 Hz – 6 GHz                     |
| GCM31MR11H334KA01 | 330000 pF             | 50Vdc             | R (JIS)                     | 1206 (3216mm)       | 1.25            | ±10%                  | Powertrain/Safety for Automotive | 100 Hz – 6 GHz                     |
| GCM31MR11H474KA01 | 470000 pF             | 50Vdc             | R (JIS)                     | 1206 (3216mm)       | 1.25            | ±10%                  | Powertrain/Safety for Automotive | 100 Hz – 6 GHz                     |
| GCM31CR11H684KA01 | 680000 pF             | 50Vdc             | R (JIS)                     | 1206 (3216mm)       | 1.8             | ±1                    |                                  |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                                      | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-------------------------------------------|------------------------------------|
| GCM31C5C1H683GA16 | 68000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216M)        | 1.8             | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 1 MHz – 6 GHz                      |
| GCM31C5C1H683JA16 | 68000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 1 MHz – 6 GHz                      |
| GCM31C5C2A683JE02 | 68000 pF              | 100Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 1 MHz – 6 GHz                      |
| GCM31C5C1H753FA16 | 75000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216M)        | 1.8             | ±1%                   | Powertrain/Safety for Automotive AEC-Q200 | 1 MHz – 6 GHz                      |
| GCM31C5C1H753GA16 | 75000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216M)        | 1.8             | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 1 MHz – 6 GHz                      |
| GCM31C5C1H753JA16 | 75000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 1 MHz – 6 GHz                      |
| GCM31C5C1H823FA16 | 82000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216M)        | 1.8             | ±1%                   | Powertrain/Safety for Automotive AEC-Q200 | 1 MHz – 6 GHz                      |
| GCM31C5C1H823GA16 | 82000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216M)        | 1.8             | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 1 MHz – 6 GHz                      |
| GCM31C5C1H823JA16 | 82000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 1 MHz – 6 GHz                      |
| GCM31C5C2A823JE02 | 82000 pF              | 100Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 1 MHz – 6 GHz                      |
| GCM31C5C1H913FA16 | 91000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216M)        | 1.8             | ±1%                   | Powertrain/Safety for Automotive AEC-Q200 | 1 MHz – 6 GHz                      |
| GCM31C5C1H913GA16 | 91000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216M)        | 1.8             | ±2%                   | Powertrain/Safety for Automotive AEC-Q200 | 1 MHz – 6 GHz                      |
| GCM31C5C1H913JA16 | 91000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 1 MHz – 6 GHz                      |
| GCM319R72A104KA37 | 100000 pF             | 100Vdc            | X7R (EIA)                   | 1206 (3216M)        | 0.95            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31C5C1H104JA16 | 100000 pF             | 50Vdc             | C0G (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 1 MHz – 6 GHz                      |
| GCM31C5C2A104JE02 | 100000 pF             | 100Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Powertrain/Safety for Automotive AEC-Q200 | 1 MHz – 6 GHz                      |
| GCM31MR72A154KA37 | 150000 pF             | 100Vdc            | X7R (EIA)                   | 1206 (3216M)        | 1.25            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31MR72A224KA37 | 220000 pF             | 100Vdc            | X7R (EIA)                   | 1206 (3216M)        | 1.25            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31MR71H334KA37 | 330000 pF             | 50Vdc             | X7R (EIA)                   | 1206 (3216M)        | 1.25            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31MR71H474KA37 | 470000 pF             | 50Vdc             | X7R (EIA)                   | 1206 (3216M)        | 1.25            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31MR71H684KA55 | 680000 pF             | 50Vdc             | X7R (EIA)                   | 1206 (3216M)        | 1.25            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31CL81H105KA55 | 1 uF                  | 50Vdc             | X8L (MURATA)                | 1206 (3216M)        | 1.8             | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31CR72A105KA03 | 1 uF                  | 100Vdc            | X7R (EIA)                   | 1206 (3216M)        | 1.8             | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31CR91E105KA37 | 1 uF                  | 25Vdc             | X8R (EIA)                   | 1206 (3216M)        | 1.8             | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31ML81E105KA37 | 1 uF                  | 25Vdc             | X8L (MURATA)                | 1206 (3216M)        | 1.25            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31MR71E105KA37 | 1 uF                  | 25Vdc             | X7R (EIA)                   | 1206 (3216M)        | 1.25            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31MR71H105KA55 | 1 uF                  | 50Vdc             | X7R (EIA)                   | 1206 (3216M)        | 1.25            | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31CC72A225KE02 | 2.2 uF                | 100Vdc            | X7S (EIA)                   | 1206 (3216M)        | 1.8             | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31CC72A225ME02 | 2.2 uF                | 100Vdc            | X7S (EIA)                   | 1206 (3216M)        | 1.8             | ±20%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31CL8EL225KE07 | 2.2 uF                | 100Vdc            | X8L (MURATA)                | 1206 (3216M)        | 1.8             | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31CR71H225KA55 | 2.2 uF                | 50Vdc             | X7R (EIA)                   | 1206 (3216M)        | 1.8             | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31MR71E225KA57 | 2.2 uF                | 25Vdc             | X7R (EIA)                   | 1206 (3216M)        | 1.3             | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31CC71H475KA03 | 4.7 uF                | 50Vdc             | X7S (EIA)                   | 1206 (3216M)        | 1.8             | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31CR71C475KA37 | 4.7 uF                | 16Vdc             | X7R (EIA)                   | 1206 (3216M)        | 1.8             | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31CR71E475KA55 | 4.7 uF                | 25Vdc             | X7R (EIA)                   | 1206 (3216M)        | 1.8             | ±10%                  | Powertrain/Safety for Automotive AEC-Q200 | 100 Hz – 6 GHz                     |
| GCM31CC71E106KA03 | 10 uF                 | 25Vdc             | X7S (EIA)                   | 1206 (3216M         |                 |                       |                                           |                                    |



| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm) | Capacitance Tolerance | Type                                      | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-------------|-----------------------|-------------------------------------------|------------------------------------|
| GGQ0335C1H1R7WB01 | 1.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H1R8BB01 | 1.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H1R8CB01 | 1.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H1R8WB01 | 1.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H1R9BB01 | 1.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H1R9CB01 | 1.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H1R9WB01 | 1.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R0BB01 | 2 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R0CB01 | 2 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R0WB01 | 2 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R1BB01 | 2.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R1CB01 | 2.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R1WB01 | 2.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R2BB01 | 2.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R2CB01 | 2.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R2WB01 | 2.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R3BB01 | 2.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R3CB01 | 2.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R3WB01 | 2.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R4BB01 | 2.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R4CB01 | 2.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R4WB01 | 2.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R5BB01 | 2.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R5CB01 | 2.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R5WB01 | 2.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R6BB01 | 2.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R6CB01 | 2.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R6WB01 | 2.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R7BB01 | 2.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R7CB01 | 2.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R7WB01 | 2.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R8BB01 | 2.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R8CB01 | 2.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R8WB01 | 2.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R9BB01 | 2.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R9CB01 | 2.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H2R9WB01 | 2.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R0BB01 | 3 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R0CB01 | 3 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R0WB01 | 3 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R1BB01 | 3.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R1CB01 | 3.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R1WB01 | 3.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R2BB01 | 3.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R2CB01 | 3.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R2WB01 | 3.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R3BB01 | 3.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R3CB01 | 3.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R3WB01 | 3.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R4BB01 | 3.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R4CB01 | 3.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R4WB01 | 3.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R5BB01 | 3.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R5CB01 | 3.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R5WB01 | 3.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R6BB01 | 3.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R6CB01 | 3.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R6WB01 | 3.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R7BB01 | 3.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R7CB01 | 3.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R7WB01 | 3.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R8BB01 | 3.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R8CB01 | 3.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R8WB01 | 3.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R9BB01 | 3.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R9CB01 | 3.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H3R9WB01 | 3.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R0BB01 | 4 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R0CB01 | 4 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R0WB01 | 4 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R1BB01 | 4.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R1CB01 | 4.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R1WB01 | 4.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R2BB01 | 4.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R2CB01 | 4.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R2WB01 | 4.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R3BB01 | 4.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R3CB01 | 4.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R3WB01 | 4.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R4BB01 | 4.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R4CB01 | 4.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R4WB01 | 4.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R5BB01 | 4.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R5CB01 | 4.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R5WB01 | 4.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R6BB01 | 4.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R6CB01 | 4.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R6WB01 | 4.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R7BB01 | 4.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R7CB01 | 4.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R7WB01 | 4.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R8BB01 | 4.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R8CB01 | 4.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R8WB01 | 4.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R9BB01 | 4.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R9CB01 | 4.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H4R9WB01 | 4.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H5R0BB01 | 5 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H5R0CB01 | 5 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H5R0WB01 | 5 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H5R1BB01 | 5.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.1pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H5R1CB01 | 5.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |
| GGQ0335C1H5R1DB01 | 5.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33        | ±0.5pF                | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz ~ 30 GHz                   |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type                             | Frequency Range (Simulation Model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|----------------------------------|------------------------------------|
| GC0Q335C1H5R5CB01 | 5.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R5DB01 | 5.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R5WB01 | 5.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R6BB01 | 5.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R6CB01 | 5.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R6DB01 | 5.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R6WB01 | 5.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R7BB01 | 5.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R7CB01 | 5.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R7DB01 | 5.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R7WB01 | 5.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R8BB01 | 5.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R8CB01 | 5.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R8DB01 | 5.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R8WB01 | 5.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R9BB01 | 5.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R9CB01 | 5.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R9DB01 | 5.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H5R9WB01 | 5.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R0BB01 | 6 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R0CB01 | 6 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R0DB01 | 6 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R0WB01 | 6 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R1BB01 | 6.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R1CB01 | 6.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R1DB01 | 6.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R1WB01 | 6.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R2BB01 | 6.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R2CB01 | 6.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R2DB01 | 6.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R2WB01 | 6.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R3BB01 | 6.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R3CB01 | 6.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R3DB01 | 6.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R3WB01 | 6.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R4BB01 | 6.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R4CB01 | 6.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R4DB01 | 6.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R4WB01 | 6.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R5BB01 | 6.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R5CB01 | 6.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R5DB01 | 6.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R5WB01 | 6.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R6BB01 | 6.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R6CB01 | 6.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R6DB01 | 6.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R6WB01 | 6.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R7BB01 | 6.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R7CB01 | 6.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R7DB01 | 6.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R7WB01 | 6.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R8BB01 | 6.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R8CB01 | 6.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R8DB01 | 6.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R8WB01 | 6.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R9BB01 | 6.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R9CB01 | 6.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R9DB01 | 6.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H6R9WB01 | 6.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R0BB01 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R0CB01 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R0DB01 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R0WB01 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R1BB01 | 7.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R1CB01 | 7.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R1DB01 | 7.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R1WB01 | 7.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R2BB01 | 7.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R2CB01 | 7.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R2DB01 | 7.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R2WB01 | 7.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R3BB01 | 7.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R3CB01 | 7.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R3DB01 | 7.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R3WB01 | 7.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R4BB01 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R4CB01 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R4DB01 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R4WB01 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R5BB01 | 7.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R5CB01 | 7.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R5DB01 | 7.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R5WB01 | 7.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R6BB01 | 7.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R6CB01 | 7.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R6DB01 | 7.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R6WB01 | 7.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R7BB01 | 7.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R7CB01 | 7.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R7DB01 | 7.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R7WB01 | 7.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R8BB01 | 7.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R8CB01 | 7.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R8DB01 | 7.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R8WB01 | 7.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R9BB01 | 7.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R9CB01 | 7.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R9DB01 | 7.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H7R9WB01 | 7.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H8R0BB01 | 8 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H8R0CB01 | 8 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H8R0DB01 | 8 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335C1H8R0WB01 | 8 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Powertrain/Safety for Automotive | AEC-Q200 100 MHz ~ 30 GHz          |
| GC0Q335           |                       |                   |                             |                       |                  |                       |                                  |                                    |

| Part Number        | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                              | Frequency Range (simulation model) |
|--------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-----------------------------------|------------------------------------|
| GGQ0335C1H8R4DB01  | 8.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R4WB01  | 8.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R5BB01  | 8.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R5CB01  | 8.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R5DB01  | 8.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R5WB01  | 8.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R6BB01  | 8.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R6CB01  | 8.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R6DB01  | 8.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R6WB01  | 8.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R7BB01  | 8.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R7CB01  | 8.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R7DB01  | 8.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R7WB01  | 8.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R8BB01  | 8.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R8CB01  | 8.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R8DB01  | 8.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R8WB01  | 8.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R9BB01  | 8.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R9CB01  | 8.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R9DB01  | 8.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H8R9WB01  | 8.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R0BB01  | 9 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R0CB01  | 9 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R0DB01  | 9 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R0WB01  | 9 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R1BB01  | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R1CB01  | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R1DB01  | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R1WB01  | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R2BB01  | 9.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R2CB01  | 9.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R2DB01  | 9.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R2WB01  | 9.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R3BB01  | 9.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R3CB01  | 9.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R3DB01  | 9.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R3WB01  | 9.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R4BB01  | 9.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R4CB01  | 9.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R4DB01  | 9.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R4WB01  | 9.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R5BB01  | 9.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R5CB01  | 9.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R5DB01  | 9.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R5WB01  | 9.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R6BB01  | 9.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R6CB01  | 9.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R6DB01  | 9.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R6WB01  | 9.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R7BB01  | 9.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R7CB01  | 9.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R7DB01  | 9.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R7WB01  | 9.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R8BB01  | 9.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R8CB01  | 9.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R8DB01  | 9.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R8WB01  | 9.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R9BB01  | 9.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R9CB01  | 9.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R9DB01  | 9.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H9R9WB01  | 9.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H100GB01  | 10 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H100JB01  | 10 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H110GB01  | 11 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H110JB01  | 11 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H120GB01  | 12 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H120JB01  | 12 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H130GB01  | 13 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H130JB01  | 13 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H150GB01  | 15 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H150JB01  | 15 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H160GB01  | 16 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H160JB01  | 16 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H180GB01  | 18 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H180JB01  | 18 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H200GB01  | 20 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H200JB01  | 20 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H210GB01  | 21 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H210JB01  | 21 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H220GB01  | 22 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ0335C1H220JB01  | 22 pF                 | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R0BB01  | 0.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R0WB01  | 0.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R20BB01 | 0.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R20WB01 | 0.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R30BB01 | 0.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R30WB01 | 0.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R40BB01 | 0.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R40WB01 | 0.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R50BB01 | 0.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R50WB01 | 0.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R60BB01 | 0.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R60WB01 | 0.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R70BB01 | 0.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R70WB01 | 0.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R80BB01 | 0.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R80WB01 | 0.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R90BB01 | 0.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R90WB01 | 0.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R0BB01  | 1 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R0CB01  | 1 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R0WB01  | 1 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R1BB01  | 1.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R1CB01  | 1.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R1WB01  | 1.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R2BB01  | 1.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R2CB01  | 1.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R2WB01  | 1.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R3BB01  | 1.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R3CB01  | 1.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.250pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R3WB01  | 1.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GCQ1555C1H1R4BB01  | 1.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety                |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type                              | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|-----------------------------------|------------------------------------|
| GGQ1555C1H1R5WB01 | 1.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H1R6BB01 | 1.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H1R6CB01 | 1.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H1R6WB01 | 1.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H1R7BB01 | 1.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H1R7CB01 | 1.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H1R7WB01 | 1.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H1R8BB01 | 1.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H1R8CB01 | 1.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H1R8WB01 | 1.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H1R9BB01 | 1.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H1R9CB01 | 1.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H1R9WB01 | 1.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R0BB01 | 2 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R0CB01 | 2 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R0WB01 | 2 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R1BB01 | 2.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R1CB01 | 2.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R1WB01 | 2.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R2BB01 | 2.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R2CB01 | 2.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R2WB01 | 2.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R3BB01 | 2.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R3CB01 | 2.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R3WB01 | 2.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R4BB01 | 2.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R4CB01 | 2.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R4WB01 | 2.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R5BB01 | 2.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R5CB01 | 2.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R5WB01 | 2.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R6BB01 | 2.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R6CB01 | 2.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R6WB01 | 2.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.050pF              | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R7BB01 | 2.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R7CB01 | 2.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H2R7WB01 | 2.7 pF                | 50Vdc             | COG (EIA)                   | 0                     |                 |                       |                                   |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max.) | Capacitance Tolerance | Type                                      | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|-------------------------------------------|------------------------------------|
| GGQ1555C1H5R3WB01 | 5.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R4BB01 | 5.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R4CB01 | 5.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R4DB01 | 5.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R4WB01 | 5.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R5BB01 | 5.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R5CB01 | 5.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R5DB01 | 5.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R5WB01 | 5.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R6BB01 | 5.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R6CB01 | 5.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R6DB01 | 5.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R6WB01 | 5.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R7BB01 | 5.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R7CB01 | 5.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R7DB01 | 5.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R7WB01 | 5.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R8BB01 | 5.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R8CB01 | 5.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R8DB01 | 5.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R8WB01 | 5.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R9BB01 | 5.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R9CB01 | 5.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R9DB01 | 5.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H5R9WB01 | 5.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R0BB01 | 6 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R0CB01 | 6 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R0DB01 | 6 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R0WB01 | 6 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R1BB01 | 6.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R1CB01 | 6.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R1DB01 | 6.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R1WB01 | 6.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R2BB01 | 6.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R2CB01 | 6.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R2DB01 | 6.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R2WB01 | 6.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R3BB01 | 6.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R3CB01 | 6.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R3DB01 | 6.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R3WB01 | 6.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R4BB01 | 6.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R4CB01 | 6.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R4DB01 | 6.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R4WB01 | 6.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R5BB01 | 6.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R5CB01 | 6.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R5DB01 | 6.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R5WB01 | 6.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R6BB01 | 6.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R6CB01 | 6.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R6DB01 | 6.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R6WB01 | 6.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R7BB01 | 6.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R7CB01 | 6.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R7DB01 | 6.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R7WB01 | 6.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R8BB01 | 6.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R8CB01 | 6.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R8DB01 | 6.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R8WB01 | 6.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R9BB01 | 6.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R9CB01 | 6.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R9DB01 | 6.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H6R9WB01 | 6.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R0BB01 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R0CB01 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R0DB01 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R0WB01 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R1BB01 | 7.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R1CB01 | 7.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R1DB01 | 7.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R1WB01 | 7.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R2BB01 | 7.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R2CB01 | 7.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R2DB01 | 7.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R2WB01 | 7.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R3BB01 | 7.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R3CB01 | 7.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R3DB01 | 7.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R3WB01 | 7.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R4BB01 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R4CB01 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R4DB01 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R4WB01 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R5BB01 | 7.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R5CB01 | 7.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R5DB01 | 7.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R5WB01 | 7.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R6BB01 | 7.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R6CB01 | 7.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R6DB01 | 7.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R6WB01 | 7.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R7BB01 | 7.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R7CB01 | 7.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R7DB01 | 7.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R7WB01 | 7.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R8BB01 | 7.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R8CB01 | 7.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.25pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R8DB01 | 7.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R8WB01 | 7.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.05pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GGQ1555C1H7R9BB01 | 7.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55             | ±0.1 pF               | Powertrain/Safety for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                              | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-----------------------------------|------------------------------------|
| GGQ1555C1H8R3BB01 | 8.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R3CB01 | 8.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R3DB01 | 8.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R3WB01 | 8.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R4BB01 | 8.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R4CB01 | 8.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R4DB01 | 8.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R4WB01 | 8.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R5BB01 | 8.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R5CB01 | 8.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R5DB01 | 8.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R5WB01 | 8.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R6BB01 | 8.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R6CB01 | 8.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R6DB01 | 8.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R6WB01 | 8.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R7BB01 | 8.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R7CB01 | 8.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R7DB01 | 8.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R7WB01 | 8.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R8BB01 | 8.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R8CB01 | 8.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R8DB01 | 8.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R8WB01 | 8.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R9BB01 | 8.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R9CB01 | 8.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R9DB01 | 8.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H8R9WB01 | 8.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R0BB01 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R0CB01 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R0DB01 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R0WB01 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R1BB01 | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R1CB01 | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R1DB01 | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R1WB01 | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R2BB01 | 9.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R2CB01 | 9.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R2DB01 | 9.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R2WB01 | 9.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R3BB01 | 9.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R3CB01 | 9.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R3DB01 | 9.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R3WB01 | 9.3 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R4BB01 | 9.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R4CB01 | 9.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R4DB01 | 9.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R4WB01 | 9.4 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R5BB01 | 9.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R5CB01 | 9.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R5DB01 | 9.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R5WB01 | 9.5 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R6BB01 | 9.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R6CB01 | 9.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R6DB01 | 9.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R6WB01 | 9.6 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R7BB01 | 9.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R7CB01 | 9.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R7DB01 | 9.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R7WB01 | 9.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R8BB01 | 9.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R8CB01 | 9.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R8DB01 | 9.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R8WB01 | 9.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R9BB01 | 9.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R9CB01 | 9.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R9DB01 | 9.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H9R9WB01 | 9.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H100FB01 | 10 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H100GB01 | 10 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H100JB01 | 10 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H110GB01 | 11 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H110JB01 | 11 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H120FB01 | 12 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H120GB01 | 12 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H120JB01 | 12 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H130GB01 | 13 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H130JB01 | 13 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H150FB01 | 15 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H150GB01 | 15 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H150JB01 | 15 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H160GB01 | 16 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H160JB01 | 16 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H180FB01 | 18 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H180GB01 | 18 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H180JB01 | 18 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H200GB01 | 20 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H200JB01 | 20 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H220FB01 | 22 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H220GB01 | 22 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H220JB01 | 22 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H240FB01 | 24 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H240GB01 | 24 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H240JB01 | 24 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H270FB01 | 27 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H270GB01 | 27 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H270JB01 | 27 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H300FB01 | 30 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H300GB01 | 30 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H300JB01 | 30 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H330FB01 | 33 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H330GB01 | 33 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H330JB01 | 33 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H360FB01 | 36 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H360GB01 | 36 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H360JB01 | 36 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H390FB01 | 39 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H390GB01 | 39 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H390JB01 | 39 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H430FB01 | 43 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H430GB01 | 43 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H430JB01 | 43 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±5%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H470FB01 | 47 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±1%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H470GB01 | 47 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±2%                   | Powertrain/ Safety for Automotive | AEC-Q200                           |
| GGQ1555C1H470JB01 | 47 pF                 | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            |                       |                                   |                                    |

| Part Number       | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max.) | Capacitance<br>Tolerance | Type                                         | Frequency Range<br>(simulation model) |
|-------------------|--------------------------|----------------------|--------------------------------|------------------------|---------------------|--------------------------|----------------------------------------------|---------------------------------------|
| GGD188R71H222KA02 | 2200 pF                  | 50Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/MLSC// Automotive [AEC-Q200] | 100 Hz - 6 GHz                        |
| GGD188R72A222KA02 | 2200 pF                  | 100Vdc               | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/MLSC// Automotive [AEC-Q200] | 100 Hz - 6 GHz                        |
| GGD188R71H472KA02 | 4700 pF                  | 50Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/MLSC// Automotive [AEC-Q200] | 100 Hz - 6 GHz                        |
| GGD188R72A472KA02 | 4700 pF                  | 100Vdc               | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/MLSC// Automotive [AEC-Q200] | 100 Hz - 6 GHz                        |
| GGD188R71H103KA02 | 10000 pF                 | 50Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/MLSC// Automotive [AEC-Q200] | 100 Hz - 6 GHz                        |
| GGD188R72A103KA02 | 10000 pF                 | 100Vdc               | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/MLSC// Automotive [AEC-Q200] | 100 Hz - 6 GHz                        |
| GGD188R71H223KA02 | 22000 pF                 | 50Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/MLSC// Automotive [AEC-Q200] | 100 Hz - 6 GHz                        |
| GGD188R72A223KA02 | 22000 pF                 | 100Vdc               | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/MLSC// Automotive [AEC-Q200] | 100 Hz - 6 GHz                        |
| GGD188R71E473KA02 | 47000 pF                 | 25Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/MLSC// Automotive [AEC-Q200] | 100 Hz - 6 GHz                        |
| GGD21BR71H473KA02 | 47000 pF                 | 50Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/MLSC// Automotive [AEC-Q200] | 100 Hz - 6 GHz                        |
| GGD21BR72A473KA02 | 47000 pF                 | 100Vdc               | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/MLSC// Automotive [AEC-Q200] | 100 Hz - 6 GHz                        |
| GGD21BR71H104KA02 | 100000 pF                | 50Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/MLSC// Automotive [AEC-Q200] | 100 Hz - 6 GHz                        |
| GGD21BR72A104KA02 | 100000 pF                | 100Vdc               | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/MLSC// Automotive [AEC-Q200] | 100 Hz - 6 GHz                        |
| GGM155R71H221KA37 | 220 pF                   | 50Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R72A221KA37 | 220 pF                   | 100Vdc               | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71H471KA37 | 470 pF                   | 50Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R72A471KA37 | 470 pF                   | 100Vdc               | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71H102KA37 | 1000 pF                  | 50Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R72A102KA37 | 1000 pF                  | 100Vdc               | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71H222KA37 | 2200 pF                  | 50Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R72A222KA37 | 2200 pF                  | 100Vdc               | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71E472KA37 | 4700 pF                  | 25Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71H472KA37 | 4700 pF                  | 50Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R72A472KA37 | 4700 pF                  | 100Vdc               | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71E103KA37 | 10000 pF                 | 25Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71H103KA55 | 10000 pF                 | 50Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71E223KA55 | 22000 pF                 | 25Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71H223KA55 | 22000 pF                 | 50Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71C473KA37 | 47000 pF                 | 16Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71E473KA55 | 47000 pF                 | 25Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71H473KE02 | 47000 pF                 | 50Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71C104KA55 | 100000 pF                | 16Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71E104KE02 | 100000 pF                | 25Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71H104KE02 | 100000 pF                | 50Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155R71C224KE02 | 220000 pF                | 16Vdc                | X7R (EIA)                      | 0402 (1005M)           | 0.55                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155C71A474KE36 | 470000 pF                | 10Vdc                | X7S (EIA)                      | 0402 (1005M)           | 0.6                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM155C71A105KE38 | 1 uF                     | 10Vdc                | X7S (EIA)                      | 0402 (1005M)           | 0.7                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM188R72A103KA37 | 10000 pF                 | 100Vdc               | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM188R72A223KA37 | 22000 pF                 | 100Vdc               | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM188R71E224KA55 | 220000 pF                | 25Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM188R71H224KA64 | 220000 pF                | 50Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM188R71C474KA55 | 470000 pF                | 16Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM188R71E474KA64 | 470000 pF                | 25Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM188R71C105KA64 | 1 uF                     | 16Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM188R71E105KA64 | 1 uF                     | 25Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM188R70J225KE22 | 2.2 uF                   | 6.3Vdc               | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR72A473KA37 | 47000 pF                 | 100Vdc               | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR72A104KA37 | 100000 pF                | 100Vdc               | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR71H224KA37 | 220000 pF                | 50Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR71E474KA55 | 470000 pF                | 25Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR71H474KA55 | 470000 pF                | 50Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR71C105KA37 | 1 uF                     | 16Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR72A105KE36 | 1 uF                     | 100Vdc               | X7S (EIA)                      | 0805 (2012M)           | 1.45                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR71E105KA56 | 1 uF                     | 25Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR71H105KA03 | 1 uF                     | 50Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR7YA105KA55 | 1 uF                     | 35Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR7YA225KE02 | 2.2 uF                   | 35Vdc                | X7S (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR71A225KA37 | 2.2 uF                   | 10Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR71C225KA64 | 2.2 uF                   | 16Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR71E225KA73 | 2.2 uF                   | 25Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR71A475KA73 | 4.7 uF                   | 10Vdc                | X7S (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR71E475KE36 | 4.7 uF                   | 25Vdc                | X7S (EIA)                      | 0805 (2012M)           | 1.45                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR7YA475KE36 | 4.7 uF                   | 35Vdc                | X7S (EIA)                      | 0805 (2012M)           | 1.45                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR71C475KA73 | 4.7 uF                   | 16Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR70J106KE22 | 10 uF                    | 6.3Vdc               | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM21BR71A106KE22 | 10 uF                    | 10Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM31MR72A224KA37 | 220000 pF                | 100Vdc               | X7R (EIA)                      | 1206 (3216M)           | 1.25                | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM31CC72A225KE02 | 2.2 uF                   | 100Vdc               | X7S (EIA)                      | 1206 (3216M)           | 1.8                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM31CR71H225KA55 | 2.2 uF                   | 50Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.8                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM31CC71H475KA73 | 4.7 uF                   | 50Vdc                | X7S (EIA)                      | 1206 (3216M)           | 1.8                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM31CR71C475KA37 | 4.7 uF                   | 16Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.8                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM31CR71E475KA55 | 4.7 uF                   | 25Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.8                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM31CC71E106KA03 | 10 uF                    | 25Vdc                | X7S (EIA)                      | 1206 (3216M)           | 1.9                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM31CR71C106KA64 | 10 uF                    | 16Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.8                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM31CR70J226KE23 | 22 uF                    | 6.3Vdc               | X7R (EIA)                      | 1206 (3216M)           | 1.8                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM31CR71A226KE02 | 22 uF                    | 10Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.8                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM32DC72A475KE02 | 4.7 uF                   | 100Vdc               | X7S (EIA)                      | 1210 (3225M)           | 2.2                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM32ER71H475KA55 | 4.7 uF                   | 50Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM32EC71H106KA03 | 10 uF                    | 50Vdc                | X7S (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM32EC7YA106KA03 | 10 uF                    | 35Vdc                | X7S (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM32ER71E106KA57 | 10 uF                    | 25Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM32ER71A226KE12 | 22 uF                    | 10Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM32ER71C226KE19 | 22 uF                    | 16Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GGM32ER70J476KE19 | 47 uF                    | 6.3Vdc               | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | Water repellent/Automotive [AEC-Q200]        | 100 Hz - 6 GHz                        |
| GJ431CG81E105JA01 | 1 uF                     | 25Vdc                | X6S (EIA)                      | 1206 (3216M)           | 1.8                 | ±5%                      | Audio signal low distortion                  | 100 Hz - 6 GHz                        |
| GJ431CG81E105KA01 | 1 uF                     | 25Vdc                | X6S (EIA)                      | 1206 (3216M)           | 1.8                 | ±10%                     | Audio signal low distortion                  | 100 Hz - 6 GHz                        |
| GJ431CG81E105MA01 | 1 uF                     | 25Vdc                | X6S (EIA)                      | 1206 (3216M)           | 1.8                 | ±20%                     | Audio signal low distortion                  | 100 Hz - 6 GHz                        |
| GJ821BB31H105KA12 | 1 uF                     | 50Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | Acoustic noise reduction                     | 100 Hz - 6 GHz                        |
| GJ821BR71H105KA12 | 1 uF                     | 50Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | Acoustic noise reduction                     | 100 Hz - 6 GHz                        |
| GJ831CG81E105KA01 | 1 uF                     | 25Vdc                | X6S (EIA)                      | 1206 (3216M)           | 1.8                 | ±10%                     | Acoustic noise reduction                     | 100 Hz - 6 GHz                        |
| GJ831R961H225KA73 | 2.2 uF                   | 50Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | Acoustic noise reduction                     | 100 Hz - 6 GHz                        |
| GJ831CR71H475KA12 | 4.7 uF                   | 50Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.8                 | ±10%                     | Acoustic noise reduction                     | 100 Hz - 6 GHz                        |
| GJ831CR61E106KE83 | 10 uF                    | 25Vdc                | X5R (EIA)                      | 1206 (3216M)           | 1.9                 | ±10%                     | Acoustic noise reduction                     | 100 Hz - 6 GHz                        |
| GJ832ER7YA106KA12 | 10 uF                    | 35Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | Acoustic noise reduction                     | 100 Hz - 6 GHz                        |
| GJM0225C1CR20BB01 | 0.2 pF                   | 16Vdc                | COG (EIA)                      | 01005 (0402M)          | 0.22                | ±0.1pF                   | High-Q                                       | 100 MHz - 30 GHz                      |
| GJM0225C1CR20WB01 | 0.2 pF                   | 16Vdc                | COG (EIA)                      | 01005 (0402M)          | 0.22                | ±0.05pF                  | High-Q                                       | 100 MHz - 30 GHz                      |
| GJM0225C1ER20BB01 | 0.2 pF                   | 25Vdc                | COG (EIA)                      | 01005 (0402M)          | 0.22                | ±0.1pF                   | High-Q                                       | 100 MHz - 30 GHz                      |
| GJM0225C1ER20WB01 | 0.2 pF                   | 25Vdc                | COG (EIA)                      | 01005 (0402M)          | 0.22                | ±0.05pF                  | High-Q                                       | 100 MHz - 30 GHz                      |
| GJM0225G1ER20BB01 | 0.2 pF                   | 25Vdc                | X8G (MURATA)                   | 01005 (0402M)          | 0.22                | ±0.1pF                   | High-Q                                       | 100 MHz - 30 GHz                      |
| GJM0225G1ER20WB01 | 0.2 pF                   | 25Vdc                | X8G (MURATA)                   | 01005 (0402M)          | 0.22                | ±0.05pF                  | High-Q                                       | 100 MHz - 30 GHz                      |
| GJM0225C1CR30BB01 | 0.3 pF                   | 16Vdc                | COG (EIA)                      | 01005 (0402M)          | 0.22                | ±0.1pF                   | High-Q                                       | 100 MHz - 30 GHz                      |
| GJM0225C1CR30WB01 | 0.3 pF                   | 16Vdc                | COG (EIA)                      | 01005 (0402M)          | 0.22                | ±0.05pF                  | High-Q                                       | 100 MHz - 30 GHz                      |
| GJM0225C1ER30BB01 | 0.3 pF                   | 25Vdc                | COG (EIA)                      | 01005 (0402M)          | 0.22                | ±0.1pF                   | High-Q                                       | 100 MHz - 30 GHz                      |
| GJM0225C1ER30WB01 | 0.3 pF                   | 25Vdc                | COG (EIA)                      | 01005 (0402M)          | 0.22                | ±0.05pF                  | High-Q                                       | 100 MHz - 30 GHz                      |
| GJM0225G1ER30BB01 | 0.3 pF                   | 25Vdc                | X8G (MURATA)                   | 01005 (0402M)          | 0.22                | ±0.1pF                   | High-Q                                       | 100 MHz - 30 GHz                      |
| GJM0225G1ER30WB01 | 0.3 pF                   | 25Vdc                | X8G (MURATA)                   | 01005 (0402M)          | 0.22                | ±0.05pF                  | High-Q                                       | 100 MHz - 30 GHz                      |
| GJM0225C1CR40BB01 | 0.4 pF                   | 16Vdc                | COG (                          |                        |                     |                          |                                              |                                       |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max.) | Capacitance Tolerance | Type     | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|----------|------------------------------------|
| GJM0225G1ER50WB01 | 0.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR60BB01 | 0.6 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR60WB01 | 0.6 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER60BB01 | 0.6 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER60WB01 | 0.6 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER60BB01 | 0.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER60WB01 | 0.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR70BB01 | 0.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR70WB01 | 0.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER70BB01 | 0.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER70WB01 | 0.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER70BB01 | 0.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER70WB01 | 0.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR80BB01 | 0.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR80WB01 | 0.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER80BB01 | 0.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER80WB01 | 0.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER80BB01 | 0.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER80WB01 | 0.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR90BB01 | 0.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR90WB01 | 0.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER90BB01 | 0.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER90WB01 | 0.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER90BB01 | 0.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER90WB01 | 0.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR0BB01  | 1 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR0CB01  | 1 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR0WB01  | 1 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER0BB01  | 1 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER0CB01  | 1 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER0WB01  | 1 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER0BB01  | 1 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER0CB01  | 1 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER0WB01  | 1 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR1BB01  | 1.1 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR1CB01  | 1.1 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR1WB01  | 1.1 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER1BB01  | 1.1 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER1CB01  | 1.1 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER1WB01  | 1.1 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER1BB01  | 1.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER1CB01  | 1.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER1WB01  | 1.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR2BB01  | 1.2 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR2CB01  | 1.2 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR2WB01  | 1.2 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER2BB01  | 1.2 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER2CB01  | 1.2 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER2WB01  | 1.2 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER2BB01  | 1.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER2CB01  | 1.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER2WB01  | 1.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR3BB01  | 1.3 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR3CB01  | 1.3 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR3WB01  | 1.3 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER3BB01  | 1.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER3CB01  | 1.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER3WB01  | 1.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER3BB01  | 1.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER3CB01  | 1.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER3WB01  | 1.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR4BB01  | 1.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR4CB01  | 1.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR4WB01  | 1.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER4BB01  | 1.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER4CB01  | 1.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER4WB01  | 1.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER4BB01  | 1.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER4CB01  | 1.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER4WB01  | 1.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR5BB01  | 1.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR5CB01  | 1.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR5WB01  | 1.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER5BB01  | 1.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER5CB01  | 1.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER5WB01  | 1.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER5BB01  | 1.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER5CB01  | 1.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER5WB01  | 1.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR6BB01  | 1.6 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR6CB01  | 1.6 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR6WB01  | 1.6 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER6BB01  | 1.6 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER6CB01  | 1.6 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER6WB01  | 1.6 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER6BB01  | 1.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER6CB01  | 1.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER6WB01  | 1.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR7BB01  | 1.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR7CB01  | 1.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR7WB01  | 1.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER7BB01  | 1.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER7CB01  | 1.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER7WB01  | 1.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER7BB01  | 1.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER7CB01  | 1.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER7WB01  | 1.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR8BB01  | 1.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR8CB01  | 1.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR8WB01  | 1.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER8BB01  | 1.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER8CB01  | 1.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER8WB01  | 1.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER8BB01  | 1.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER8CB01  | 1.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER8WB01  | 1.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR9BB01  | 1.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR9CB01  | 1.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1CR9WB01  | 1.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER9BB01  | 1.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER9CB01  | 1.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225C1ER9WB01  | 1.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER9BB01  | 1.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1 pF               | High-Q   | 100 MHz ~ 30 GHz                   |
| GJM0225G1ER9CB01  | 1.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q</ |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max.) | Capacitance Tolerance | Type   | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|--------|------------------------------------|
| GJM0225G1C2R0WB01 | 2 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R0BB01 | 2 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R0CB01 | 2 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R0WB01 | 2 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R0BB01 | 2 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R0CB01 | 2 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R0WB01 | 2 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R1BB01 | 2.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R1CB01 | 2.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R1WB01 | 2.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R1BB01 | 2.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R1CB01 | 2.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R1WB01 | 2.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R1BB01 | 2.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R1CB01 | 2.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R1WB01 | 2.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R2BB01 | 2.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R2CB01 | 2.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R2WB01 | 2.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R2BB01 | 2.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R2CB01 | 2.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R2WB01 | 2.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R2BB01 | 2.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R2CB01 | 2.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R2WB01 | 2.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R3BB01 | 2.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R3CB01 | 2.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R3WB01 | 2.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R3BB01 | 2.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R3CB01 | 2.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R3WB01 | 2.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R3BB01 | 2.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R3CB01 | 2.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R3WB01 | 2.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R4BB01 | 2.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R4CB01 | 2.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R4WB01 | 2.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R4BB01 | 2.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R4CB01 | 2.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R4WB01 | 2.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R4BB01 | 2.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R4CB01 | 2.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R4WB01 | 2.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R5BB01 | 2.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R5CB01 | 2.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R5WB01 | 2.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R5BB01 | 2.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R5CB01 | 2.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R5WB01 | 2.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R5BB01 | 2.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R5CB01 | 2.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R5WB01 | 2.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R6BB01 | 2.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R6CB01 | 2.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R6WB01 | 2.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R6BB01 | 2.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R6CB01 | 2.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R6WB01 | 2.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R6BB01 | 2.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R6CB01 | 2.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R6WB01 | 2.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R7BB01 | 2.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R7CB01 | 2.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R7WB01 | 2.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R7BB01 | 2.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R7CB01 | 2.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R7WB01 | 2.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R8BB01 | 2.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R8CB01 | 2.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R8WB01 | 2.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R8BB01 | 2.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R8CB01 | 2.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R8WB01 | 2.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R8BB01 | 2.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R8CB01 | 2.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R8WB01 | 2.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R9BB01 | 2.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R9CB01 | 2.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C2R9WB01 | 2.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R9BB01 | 2.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R9CB01 | 2.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R9WB01 | 2.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R9BB01 | 2.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R9CB01 | 2.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E2R9WB01 | 2.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R0BB01 | 3 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R0CB01 | 3 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R0WB01 | 3 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R0BB01 | 3 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R0CB01 | 3 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R0WB01 | 3 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R0BB01 | 3 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R0CB01 | 3 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R0WB01 | 3 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R1BB01 | 3.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R1CB01 | 3.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R1WB01 | 3.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R1BB01 | 3.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R1CB01 | 3.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R1WB01 | 3.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R1BB01 | 3.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R1CB01 | 3.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R1WB01 | 3.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R2BB01 | 3.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R2CB01 | 3.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R2WB01 | 3.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R2BB01 | 3.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R2CB01 | 3.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R2WB01 | 3.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R2BB01 | 3.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R2CB01 | 3.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R2WB01 | 3.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G          |                       |                   |                             |                     |                  |                       |        |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max.) | Capacitance Tolerance | Type   | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|--------|------------------------------------|
| GJM0225G1C3R3WB01 | 3.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R3BB01 | 3.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R3CB01 | 3.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R3WB01 | 3.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R3BB01 | 3.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402mm)      | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R3CB01 | 3.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402mm)      | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R3WB01 | 3.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402mm)      | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R4RB01 | 3.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R4CB01 | 3.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R4WB01 | 3.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R4BB01 | 3.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R4CB01 | 3.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R4WB01 | 3.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R4BB01 | 3.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402mm)      | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R4CB01 | 3.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402mm)      | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R4WB01 | 3.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402mm)      | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R5BB01 | 3.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R5CB01 | 3.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R5WB01 | 3.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R5BB01 | 3.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R5CB01 | 3.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R5WB01 | 3.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R5BB01 | 3.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402mm)      | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R5CB01 | 3.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402mm)      | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R5WB01 | 3.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402mm)      | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R6BB01 | 3.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R6CB01 | 3.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R6WB01 | 3.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R6BB01 | 3.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R6CB01 | 3.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R6WB01 | 3.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R6BB01 | 3.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402mm)      | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R6CB01 | 3.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402mm)      | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E3R6WB01 | 3.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402mm)      | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R7BB01 | 3.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R7CB01 | 3.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402mm)      | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1C3R7WB01 | 3.7 pF                | 16Vdc             | C0G (EIA)                   |                     |                  |                       |        |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type   | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|--------|------------------------------------|
| GJM0225C1C4R6WB01 | 4.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E4R6BB01 | 4.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E4R6CB01 | 4.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E4R6WB01 | 4.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E4R6BB01 | 4.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E4R6CB01 | 4.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E4R6WB01 | 4.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C4R7BB01 | 4.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C4R7CB01 | 4.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C4R7WB01 | 4.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E4R7BB01 | 4.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E4R7CB01 | 4.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E4R7WB01 | 4.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E4R7BB01 | 4.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E4R7CB01 | 4.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E4R7WB01 | 4.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C4R8BB01 | 4.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C4R8CB01 | 4.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C4R8WB01 | 4.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E4R8BB01 | 4.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E4R8CB01 | 4.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E4R8WB01 | 4.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E4R8BB01 | 4.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E4R8CB01 | 4.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E4R8WB01 | 4.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C4R9BB01 | 4.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C4R9CB01 | 4.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C4R9WB01 | 4.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E4R9BB01 | 4.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E4R9CB01 | 4.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E4R9WB01 | 4.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E4R9BB01 | 4.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E4R9CB01 | 4.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E4R9WB01 | 4.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R0BB01 | 5 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R0CB01 | 5 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R0WB01 | 5 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R0BB01 | 5 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R0CB01 | 5 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R0WB01 | 5 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R0BB01 | 5 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R0CB01 | 5 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R0WB01 | 5 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R1BB01 | 5.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R1CB01 | 5.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R1DB01 | 5.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R1WB01 | 5.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R1BB01 | 5.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R1CB01 | 5.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R1DB01 | 5.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R1WB01 | 5.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R1BB01 | 5.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R1CB01 | 5.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R1DB01 | 5.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R1WB01 | 5.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R2BB01 | 5.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R2CB01 | 5.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R2DB01 | 5.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R2WB01 | 5.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R2BB01 | 5.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R2CB01 | 5.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R2DB01 | 5.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R2WB01 | 5.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R2BB01 | 5.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R2CB01 | 5.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R2DB01 | 5.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R2WB01 | 5.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R3BB01 | 5.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R3CB01 | 5.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R3DB01 | 5.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R3WB01 | 5.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R3BB01 | 5.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R3CB01 | 5.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R3DB01 | 5.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R3WB01 | 5.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R3BB01 | 5.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R3CB01 | 5.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R3DB01 | 5.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R3WB01 | 5.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R4BB01 | 5.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R4CB01 | 5.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R4DB01 | 5.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R4WB01 | 5.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R4BB01 | 5.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R4CB01 | 5.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R4DB01 | 5.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R4WB01 | 5.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R4BB01 | 5.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R4CB01 | 5.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R4DB01 | 5.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R4WB01 | 5.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R5BB01 | 5.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R5CB01 | 5.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R5DB01 | 5.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R5WB01 | 5.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R5BB01 | 5.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R5CB01 | 5.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R5DB01 | 5.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R5WB01 | 5.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R5BB01 | 5.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R5CB01 | 5.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R5DB01 | 5.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R5WB01 | 5.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R6BB01 | 5.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R6CB01 | 5.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R6DB01 | 5.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R6WB01 | 5.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R6BB01 | 5.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R6CB01 | 5.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R6DB01 | 5.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R6WB01 | 5.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R6BB01 | 5.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225           |                       |                   |                             |                     |                 |                       |        |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max.) | Capacitance Tolerance | Type   | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|--------|------------------------------------|
| GJM0225C1C5R7DB01 | 5.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C5R7WB01 | 5.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R7BB01 | 5.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R7CB01 | 5.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R7DB01 | 5.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R7WB01 | 5.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R7BB01 | 5.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R7CB01 | 5.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R7DB01 | 5.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R7WB01 | 5.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R7DB01 | 3.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R7WB01 | 3.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R8BB01 | 5.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R8CB01 | 5.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R8DB01 | 5.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R8WB01 | 5.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R8BB01 | 5.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R8CB01 | 5.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R8DB01 | 5.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R8WB01 | 5.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R8BB01 | 5.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R8CB01 | 5.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R8DB01 | 5.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R8WB01 | 5.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R9BB01 | 5.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R9CB01 | 5.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R9DB01 | 5.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R9WB01 | 5.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R9BB01 | 5.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R9CB01 | 5.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R9DB01 | 5.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E5R9WB01 | 5.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R9BB01 | 5.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R9CB01 | 5.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R9DB01 | 5.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E5R9WB01 | 5.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R0BB01 | 6 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R0CB01 | 6 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R0DB01 | 6 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R0WB01 | 6 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R0BB01 | 6 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R0CB01 | 6 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R0DB01 | 6 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R0WB01 | 6 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R0BB01 | 6 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R0CB01 | 6 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R0DB01 | 6 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R0WB01 | 6 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R1BB01 | 6.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R1CB01 | 6.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R1DB01 | 6.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R1WB01 | 6.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R1BB01 | 6.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R1CB01 | 6.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R1DB01 | 6.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R1WB01 | 6.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R1BB01 | 6.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R1CB01 | 6.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R1DB01 | 6.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R1WB01 | 6.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R2BB01 | 6.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R2CB01 | 6.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R2DB01 | 6.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R2WB01 | 6.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R2BB01 | 6.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R2CB01 | 6.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R2DB01 | 6.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R2WB01 | 6.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R2BB01 | 6.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R2CB01 | 6.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R2DB01 | 6.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R2WB01 | 6.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R3BB01 | 6.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R3CB01 | 6.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R3DB01 | 6.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R3WB01 | 6.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R3BB01 | 6.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R3CB01 | 6.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R3DB01 | 6.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R3WB01 | 6.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R3BB01 | 6.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R3CB01 | 6.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R3DB01 | 6.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R3WB01 | 6.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R4BB01 | 6.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R4CB01 | 6.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R4DB01 | 6.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R4WB01 | 6.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R4BB01 | 6.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R4CB01 | 6.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R4DB01 | 6.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R4WB01 | 6.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R4BB01 | 6.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R4CB01 | 6.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R4DB01 | 6.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R4WB01 | 6.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R5BB01 | 6.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R5CB01 | 6.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R5DB01 | 6.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R5WB01 | 6.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R5BB01 | 6.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R5CB01 | 6.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R5DB01 | 6.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R5WB01 | 6.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R5BB01 | 6.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R5CB01 | 6.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R5DB01 | 6.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R5WB01 | 6.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R6BB01 | 6.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R6CB01 | 6.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R6DB01 | 6.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R6WB01 | 6.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R6BB01 |                       |                   |                             |                     |                  |                       |        |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type   | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|--------|------------------------------------|
| GJM0225G1E6R6WB01 | 6.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R7BB01 | 6.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R7CB01 | 6.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R7DB01 | 6.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R7WB01 | 6.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R7BB01 | 6.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R7CB01 | 6.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R7DB01 | 6.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R7WB01 | 6.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R7BB01 | 6.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R7CB01 | 6.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R7DB01 | 6.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R7WB01 | 6.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R8BB01 | 6.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R8CB01 | 6.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R8DB01 | 6.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R8WB01 | 6.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R8BB01 | 6.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R8CB01 | 6.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R8DB01 | 6.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R8WB01 | 6.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R8BB01 | 6.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R8CB01 | 6.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R8DB01 | 6.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R8WB01 | 6.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R9BB01 | 6.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R9CB01 | 6.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R9DB01 | 6.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C6R9WB01 | 6.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R9BB01 | 6.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R9CB01 | 6.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R9DB01 | 6.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E6R9WB01 | 6.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R9BB01 | 6.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R9CB01 | 6.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R9DB01 | 6.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E6R9WB01 | 6.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R0BB01 | 7 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R0CB01 | 7 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R0DB01 | 7 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R0WB01 | 7 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R0BB01 | 7 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R0CB01 | 7 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R0DB01 | 7 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R0WB01 | 7 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R0BB01 | 7 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R0CB01 | 7 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R0DB01 | 7 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R0WB01 | 7 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R1BB01 | 7.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R1CB01 | 7.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R1DB01 | 7.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R1WB01 | 7.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R1BB01 | 7.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R1CB01 | 7.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R1DB01 | 7.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R1WB01 | 7.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R1BB01 | 7.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R1CB01 | 7.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R1DB01 | 7.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R1WB01 | 7.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R2BB01 | 7.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R2CB01 | 7.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R2DB01 | 7.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R2WB01 | 7.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R2BB01 | 7.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R2CB01 | 7.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R2DB01 | 7.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R2WB01 | 7.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R2BB01 | 7.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R2CB01 | 7.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R2DB01 | 7.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R2WB01 | 7.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R3BB01 | 7.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R3CB01 | 7.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R3DB01 | 7.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R3WB01 | 7.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R3BB01 | 7.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R3CB01 | 7.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R3DB01 | 7.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R3WB01 | 7.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R3BB01 | 7.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R3CB01 | 7.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R3DB01 | 7.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R3WB01 | 7.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R4BB01 | 7.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R4CB01 | 7.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R4DB01 | 7.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R4WB01 | 7.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R4BB01 | 7.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R4CB01 | 7.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R4DB01 | 7.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R4WB01 | 7.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R4BB01 | 7.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R4CB01 | 7.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R4DB01 | 7.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R4WB01 | 7.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R5BB01 | 7.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R5CB01 | 7.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R5DB01 | 7.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R5WB01 | 7.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R5BB01 | 7.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R5CB01 | 7.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R5DB01 | 7.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E7R5WB01 | 7.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R5BB01 | 7.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R5CB01 | 7.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R5DB01 | 7.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R5WB01 | 7.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.050F               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R6BB01 | 7.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R6CB01 | 7.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R6DB01 | 7.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C7R6WB01 |                       |                   |                             |                       |                  |                       |        |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type   | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|--------|------------------------------------|
| GJM0225G1E7R6BB01 | 7.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±1pF                  | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R6CB01 | 7.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R6DB01 | 7.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R6WB01 | 7.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G7R7BB01 | 7.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G7R7CB01 | 7.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G7R7DB01 | 7.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G7R7WB01 | 7.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R7BB01 | 7.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R7CB01 | 7.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R7DB01 | 7.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R7WB01 | 7.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G7R8BB01 | 7.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G7R8CB01 | 7.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G7R8DB01 | 7.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G7R8WB01 | 7.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R8BB01 | 7.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R8CB01 | 7.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R8DB01 | 7.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R8WB01 | 7.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G7R9BB01 | 7.9 pF                | 16Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G7R9CB01 | 7.9 pF                | 16Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G7R9DB01 | 7.9 pF                | 16Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G7R9WB01 | 7.9 pF                | 16Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R9BB01 | 7.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R9CB01 | 7.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R9DB01 | 7.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E7R9WB01 | 7.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R0BB01 | 8 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R0CB01 | 8 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R0DB01 | 8 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R0WB01 | 8 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R0BB01 | 8 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R0CB01 | 8 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R0DB01 | 8 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R0WB01 | 8 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R1BB01 | 8.1 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R1CB01 | 8.1 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R1DB01 | 8.1 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R1WB01 | 8.1 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R1BB01 | 8.1 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R1CB01 | 8.1 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R1DB01 | 8.1 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R1WB01 | 8.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R2BB01 | 8.2 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R2CB01 | 8.2 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R2DB01 | 8.2 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R2WB01 | 8.2 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R2BB01 | 8.2 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R2CB01 | 8.2 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R2DB01 | 8.2 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R2WB01 | 8.2 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R3BB01 | 8.3 pF                | 16Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R3CB01 | 8.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R3DB01 | 8.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R3WB01 | 8.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R3BB01 | 8.3 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R3WB01 | 8.3 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R3CB01 | 8.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R3DB01 | 8.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R3WB01 | 8.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R3BB01 | 8.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R3CB01 | 8.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R3DB01 | 8.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R3WB01 | 8.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R4BB01 | 8.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R4CB01 | 8.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R4DB01 | 8.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R4WB01 | 8.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R4BB01 | 8.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R4CB01 | 8.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R4DB01 | 8.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R4WB01 | 8.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R4BB01 | 8.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R4CB01 | 8.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R4DB01 | 8.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R4WB01 | 8.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R5BB01 | 8.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R5CB01 | 8.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R5DB01 | 8.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R5WB01 | 8.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R5BB01 | 8.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R5CB01 | 8.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R5DB01 | 8.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R5WB01 | 8.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R6BB01 | 8.6 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R6CB01 | 8.6 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R6DB01 | 8.6 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R6WB01 | 8.6 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R6BB01 | 8.6 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R6CB01 | 8.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R6DB01 | 8.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R6WB01 | 8.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R7BB01 | 8.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R7CB01 | 8.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R7DB01 | 8.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R7WB01 | 8.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R7BB01 | 8.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R7CB01 | 8.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R7DB01 | 8.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R7WB01 | 8.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R8BB01 | 8.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R8CB01 | 8.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R8DB01 | 8.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R8WB01 | 8.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R8BB01 | 8.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R8CB01 | 8.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R8DB01 | 8.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E8R8WB01 | 8.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)         | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R9BB01 | 8.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R9CB01 | 8.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R9DB01 | 8.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1G8R9WB01 |                       |                   |                             |                       |                  |                       |        |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max.) | Capacitance Tolerance | Type   | Frequency Range (Simulation Model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|--------|------------------------------------|
| GJM0225C1E0R6CB01 | 8.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R6DB01 | 8.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R6WB01 | 8.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R6DB01 | 8.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R6CB01 | 8.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R6DB01 | 8.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R6WB01 | 8.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R7BB01 | 8.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R7CB01 | 8.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R7DB01 | 8.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R7WB01 | 8.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R7BB01 | 8.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R7CB01 | 8.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R7DB01 | 8.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R7WB01 | 8.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R7BB01 | 8.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R7CB01 | 8.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R7DB01 | 8.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R7WB01 | 8.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R8BB01 | 8.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R8CB01 | 8.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R8DB01 | 8.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R8WB01 | 8.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R8BB01 | 8.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R8CB01 | 8.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R8DB01 | 8.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R8WB01 | 8.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R8BB01 | 8.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R8CB01 | 8.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R8DB01 | 8.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R8WB01 | 8.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R9BB01 | 8.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R9CB01 | 8.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R9DB01 | 8.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R9WB01 | 8.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R9BB01 | 8.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R9CB01 | 8.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R9DB01 | 8.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R9WB01 | 8.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R9BB01 | 8.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R9CB01 | 8.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R9DB01 | 8.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R9WB01 | 8.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R0BB01 | 9 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R0CB01 | 9 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R0DB01 | 9 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R0WB01 | 9 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R0BB01 | 9 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R0CB01 | 9 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R0DB01 | 9 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R0WB01 | 9 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R0BB01 | 9 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R0CB01 | 9 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R0DB01 | 9 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R0WB01 | 9 pF                  | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R1BB01 | 9.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R1CB01 | 9.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R1DB01 | 9.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R1WB01 | 9.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R1BB01 | 9.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R1CB01 | 9.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R1DB01 | 9.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R1WB01 | 9.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R1BB01 | 9.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R1CB01 | 9.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R1DB01 | 9.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R1WB01 | 9.1 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R2BB01 | 9.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R2CB01 | 9.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R2DB01 | 9.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R2WB01 | 9.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R2BB01 | 9.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R2CB01 | 9.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R2DB01 | 9.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R2WB01 | 9.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R2BB01 | 9.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R2CB01 | 9.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R2DB01 | 9.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R2WB01 | 9.2 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R3BB01 | 9.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R3CB01 | 9.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R3DB01 | 9.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R3WB01 | 9.3 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R3BB01 | 9.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R3CB01 | 9.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R3DB01 | 9.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R3WB01 | 9.3 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R3BB01 | 9.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R3CB01 | 9.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R3DB01 | 9.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R3WB01 | 9.3 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R4BB01 | 9.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R4CB01 | 9.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R4DB01 | 9.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R4WB01 | 9.4 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R4BB01 | 9.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R4CB01 | 9.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R4DB01 | 9.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R4WB01 | 9.4 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R4BB01 | 9.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R4CB01 | 9.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R4DB01 | 9.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R4WB01 | 9.4 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R5BB01 | 9.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R5CB01 | 9.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R5DB01 | 9.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C0R5WB01 | 9.5 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R5BB01 | 9.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R5CB01 | 9.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R5DB01 | 9.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E0R5WB01 | 9.5 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R5BB01 | 9.5 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E0R5CB01 |                       |                   |                             |                     |                  |                       |        |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max.) | Capacitance Tolerance | Type   | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|--------|------------------------------------|
| GJM0225C1C9R6DB01 | 9.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C9R6WB01 | 9.6 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E9R8BB01 | 9.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E9R8CB01 | 9.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E9R8DB01 | 9.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E9R6WB01 | 9.6 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R8BB01 | 9.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R8CB01 | 9.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R8DB01 | 9.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R6WB01 | 9.6 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C9R7BB01 | 9.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C9R7CB01 | 9.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C9R7DB01 | 9.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C9R7WB01 | 9.7 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E9R7BB01 | 9.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E9R7CB01 | 9.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E9R7DB01 | 9.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E9R7WB01 | 9.7 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R7BB01 | 9.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R7CB01 | 9.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R7DB01 | 9.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R7WB01 | 9.7 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C9R8BB01 | 9.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C9R8CB01 | 9.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C9R8DB01 | 9.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C9R8WB01 | 9.8 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E9R8BB01 | 9.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E9R8CB01 | 9.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E9R8DB01 | 9.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E9R8WB01 | 9.8 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R8BB01 | 9.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R8CB01 | 9.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R8DB01 | 9.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R8WB01 | 9.8 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C9R9BB01 | 9.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C9R9CB01 | 9.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C9R9DB01 | 9.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C9R9WB01 | 9.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R9BB01 | 9.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R9CB01 | 9.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R9DB01 | 9.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R9WB01 | 9.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R9BB01 | 9.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R9CB01 | 9.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R9DB01 | 9.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E9R9WB01 | 9.9 pF                | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C100GB01 | 10 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C100JB01 | 10 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E100FB01 | 10 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±1%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E100GB01 | 10 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E100JB01 | 10 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E100GB01 | 10 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E100JB01 | 10 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C110GB01 | 11 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C110JB01 | 11 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E110GB01 | 11 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E110JB01 | 11 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E110GB01 | 11 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E110JB01 | 11 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C120GB01 | 12 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C120JB01 | 12 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E120GB01 | 12 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E120JB01 | 12 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E120GB01 | 12 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E120JB01 | 12 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C130GB01 | 13 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C130JB01 | 13 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E130GB01 | 13 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E130JB01 | 13 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E130GB01 | 13 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E130JB01 | 13 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E140GB01 | 14 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E140JB01 | 14 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C150GB01 | 15 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C150JB01 | 15 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E150GB01 | 15 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E150JB01 | 15 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E150GB01 | 15 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E150JB01 | 15 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C160GB01 | 16 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C160JB01 | 16 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E160GB01 | 16 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E160JB01 | 16 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E160GB01 | 16 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E160JB01 | 16 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E170GB01 | 17 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E170JB01 | 17 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C180GB01 | 18 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C180JB01 | 18 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E180GB01 | 18 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E180JB01 | 18 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E180GB01 | 18 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E180JB01 | 18 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E190GB01 | 19 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E190JB01 | 19 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C200GB01 | 20 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C200JB01 | 20 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E200GB01 | 20 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E200JB01 | 20 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E200GB01 | 20 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E200JB01 | 20 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E210GB01 | 21 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E210JB01 | 21 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C220GB01 | 22 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1C220JB01 | 22 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E220GB01 | 22 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225C1E220JB01 | 22 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E220GB01 | 22 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0225G1E220JB01 | 22 pF                 | 25Vdc             | X8G (MURATA)                | 01005 (0402M)       | 0.22             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E2R0BB01 | 0.2 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E2R0WB01 | 0.2 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1HR2RBB01 | 0.2 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1HR2RWB01 | 0.2 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2AR2RBB01 | 0.2 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2AR2RWB01 | 0.2 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2AR2RBB01 |                       |                   |                             |                     |                  |                       |        |                                    |

| Part Number        | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type   | Frequency Range (Simulation model) |
|--------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|--------|------------------------------------|
| GJM0335C1E1R30BB01 | 0.3 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E1R30WB01 | 0.3 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1HR30BB01  | 0.3 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1HR30WB01  | 0.3 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2AR30BB01  | 0.3 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2AR30WB01  | 0.3 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2AR30BB01  | 0.3 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2AR30WB01  | 0.3 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R0BB01  | 0.4 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R0WB01  | 0.4 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1HR4R0BB01 | 0.4 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1HR4R0WB01 | 0.4 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2AR4R0BB01 | 0.4 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2AR4R0WB01 | 0.4 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2AR4R0BB01 | 0.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2AR4R0WB01 | 0.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R0BB01  | 0.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R0WB01  | 0.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1HR5R0BB01 | 0.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1HR5R0WB01 | 0.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2AR5R0BB01 | 0.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2AR5R0WB01 | 0.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2AR5R0BB01 | 0.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2AR5R0WB01 | 0.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R0BB01  | 0.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R0WB01  | 0.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1HR6R0BB01 | 0.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1HR6R0WB01 | 0.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2AR6R0BB01 | 0.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2AR6R0WB01 | 0.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2AR6R0BB01 | 0.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2AR6R0WB01 | 0.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R0BB01  | 0.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R0WB01  | 0.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1HR7R0BB01 | 0.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1HR7R0WB01 | 0.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2AR7R0BB01 | 0.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF</              |        |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type   | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|--------|------------------------------------|
| GJM0335C1E1R5CB01 | 1.5 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E1R5WB01 | 1.5 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H1R5BB01 | 1.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H1R5CB01 | 1.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H1R5WB01 | 1.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A1R5BB01 | 1.5 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A1R5CB01 | 1.5 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A1R5WB01 | 1.5 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A1R5BB01 | 1.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A1R5CB01 | 1.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A1R5WB01 | 1.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E1R8BB01 | 1.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E1R8CB01 | 1.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E1R8WB01 | 1.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H1R8BB01 | 1.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H1R8CB01 | 1.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H1R8WB01 | 1.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A1R8BB01 | 1.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A1R8CB01 | 1.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A1R8WB01 | 1.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A1R8BB01 | 1.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A1R8CB01 | 1.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A1R8WB01 | 1.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E1R7BB01 | 1.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E1R7CB01 | 1.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E1R7WB01 | 1.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H1R7BB01 | 1.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H1R7CB01 | 1.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H1R7WB01 | 1.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A1R7BB01 | 1.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A1R7CB01 | 1.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A1R7WB01 | 1.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A1R7BB01 | 1.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A1R7CB01 | 1.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A1R7WB01 | 1.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E1R8BB01 | 1.8 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E1R8CB01 | 1.8 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E1R8WB01 | 1.8 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H1R8BB01 | 1.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H1R8CB01 | 1.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H1R8WB01 | 1.8 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A1R8BB01 | 1.8 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A1R8CB01 | 1.8 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A1R8WB01 | 1.8 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A1R8BB01 | 1.8 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A1R8CB01 | 1.8 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A1R8WB01 | 1.8 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E1R9BB01 | 1.9 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E1R9CB01 | 1.9 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E1R9WB01 | 1.9 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H1R9BB01 | 1.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H1R9CB01 | 1.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H1R9WB01 | 1.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A1R9BB01 | 1.9 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A1R9CB01 | 1.9 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A1R9WB01 | 1.9 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A1R9BB01 | 1.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A1R9CB01 | 1.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A1R9WB01 | 1.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E2R0BB01 | 2 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E2R0CB01 | 2 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E2R0WB01 | 2 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H2R0BB01 | 2 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H2R0CB01 | 2 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H2R0WB01 | 2 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A2R0BB01 | 2 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A2R0CB01 | 2 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A2R0WB01 | 2 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A2R0BB01 | 2 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A2R0CB01 | 2 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A2R0WB01 | 2 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E2R1BB01 | 2.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E2R1CB01 | 2.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E2R1WB01 | 2.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H2R1BB01 | 2.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H2R1CB01 | 2.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H2R1WB01 | 2.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A2R1BB01 | 2.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A2R1CB01 | 2.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A2R1WB01 | 2.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A2R1BB01 | 2.1 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A2R1CB01 | 2.1 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A2R1WB01 | 2.1 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E2R2BB01 | 2.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E2R2CB01 | 2.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E2R2WB01 | 2.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H2R2BB01 | 2.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H2R2CB01 | 2.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H2R2WB01 | 2.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A2R2BB01 | 2.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A2R2CB01 | 2.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A2R2WB01 | 2.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A2R2BB01 | 2.2 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A2R2CB01 | 2.2 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A2R2WB01 | 2.2 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E2R3BB01 | 2.3 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E2R3CB01 | 2.3 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E2R3WB01 | 2.3 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H2R3BB01 | 2.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H2R3CB01 | 2.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H2R3WB01 | 2.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A2R3BB01 | 2.3 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A2R3CB01 | 2.3 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C2A2R3WB01 | 2.3 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A2R3BB01 | 2.3 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A2R3CB01 | 2.3 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335G2A2R3WB01 | 2.3 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E2R4BB01 | 2.4 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E2R4CB01 | 2.4 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1E2R4WB01 | 2.4 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H2R4BB01 | 2.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H2R4CB01 | 2.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz - 30 GHz                   |
| GJM0335C1H2R4WB01 | 2.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          |                  |                       |        |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type   | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|--------|------------------------------------|
| GJM0335G2A2R4CB01 | 2.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A2R4WB01 | 2.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E2R5BB01 | 2.5 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E2R5CB01 | 2.5 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E2R5WB01 | 2.5 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H2R5BB01 | 2.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H2R5CB01 | 2.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H2R5WB01 | 2.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A2R5BB01 | 2.5 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A2R5CB01 | 2.5 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A2R5WB01 | 2.5 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A2R5BB01 | 2.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A2R5CB01 | 2.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A2R5WB01 | 2.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E2R6BB01 | 2.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E2R6CB01 | 2.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E2R6WB01 | 2.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H2R6BB01 | 2.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H2R6CB01 | 2.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H2R6WB01 | 2.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A2R6BB01 | 2.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A2R6CB01 | 2.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A2R6WB01 | 2.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A2R6BB01 | 2.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A2R6CB01 | 2.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A2R6WB01 | 2.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E2R7BB01 | 2.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E2R7CB01 | 2.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E2R7WB01 | 2.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H2R7BB01 | 2.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H2R7CB01 | 2.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H2R7WB01 | 2.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A2R7BB01 | 2.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A2R7CB01 | 2.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A2R7WB01 | 2.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A2R7BB01 | 2.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A2R7CB01 | 2.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          |                  |                       |        |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type   | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|--------|------------------------------------|
| GJM0335C2A3R4CB01 | 3.4 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A3R4WB01 | 3.4 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A3R4BB01 | 3.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A3R4CB01 | 3.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A3R4WB01 | 3.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E3R5BB01 | 3.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E3R5CB01 | 3.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E3R5WB01 | 3.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H3R5BB01 | 3.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H3R5CB01 | 3.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H3R5WB01 | 3.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A3R5BB01 | 3.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A3R5CB01 | 3.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A3R5WB01 | 3.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A3R5BB01 | 3.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A3R5CB01 | 3.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A3R5WB01 | 3.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E3R6BB01 | 3.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E3R6CB01 | 3.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E3R6WB01 | 3.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H3R6BB01 | 3.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H3R6CB01 | 3.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H3R6WB01 | 3.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A3R6BB01 | 3.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A3R6CB01 | 3.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A3R6WB01 | 3.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A3R6BB01 | 3.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A3R6CB01 | 3.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A3R6WB01 | 3.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E3R7BB01 | 3.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E3R7CB01 | 3.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E3R7WB01 | 3.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H3R7BB01 | 3.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H3R7CB01 | 3.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H3R7WB01 | 3.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A3R7BB01 | 3.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A3R7CB01 | 3.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0               |                       |        |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type   | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|--------|------------------------------------|
| GJM0335C1H4R4CB01 | 4.4 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R4WB01 | 4.4 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R4BB01 | 4.4 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R4CB01 | 4.4 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R4WB01 | 4.4 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R4BB01 | 4.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R4CB01 | 4.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R4WB01 | 4.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R5BB01 | 4.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R5CB01 | 4.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R5WB01 | 4.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R5BB01 | 4.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R5CB01 | 4.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R5WB01 | 4.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R5BB01 | 4.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R5CB01 | 4.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R5WB01 | 4.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R5BB01 | 4.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R5CB01 | 4.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R5WB01 | 4.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R8BB01 | 4.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R8CB01 | 4.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R8WB01 | 4.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R8BB01 | 4.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R8CB01 | 4.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R8WB01 | 4.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R8BB01 | 4.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R8CB01 | 4.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R8WB01 | 4.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R8BB01 | 4.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R8CB01 | 4.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R8WB01 | 4.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R7BB01 | 4.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R7CB01 | 4.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R7WB01 | 4.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R7BB01 | 4.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R7CB01 | 4.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R7WB01 | 4.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R7BB01 | 4.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R7CB01 | 4.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R7WB01 | 4.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R7BB01 | 4.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R7CB01 | 4.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R7WB01 | 4.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R8BB01 | 4.8 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R8CB01 | 4.8 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R8WB01 | 4.8 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R8BB01 | 4.8 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R8CB01 | 4.8 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R8WB01 | 4.8 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R8BB01 | 4.8 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R8CB01 | 4.8 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R8WB01 | 4.8 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R8BB01 | 4.8 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R8CB01 | 4.8 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R8WB01 | 4.8 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R9BB01 | 4.9 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R9CB01 | 4.9 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E4R9WB01 | 4.9 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R9BB01 | 4.9 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R9CB01 | 4.9 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H4R9WB01 | 4.9 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R9BB01 | 4.9 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R9CB01 | 4.9 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A4R9WB01 | 4.9 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R9BB01 | 4.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R9CB01 | 4.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A4R9WB01 | 4.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R0BB01 | 5 pF                  | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R0CB01 | 5 pF                  | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R0WB01 | 5 pF                  | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R0BB01 | 5 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R0CB01 | 5 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R0WB01 | 5 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R0BB01 | 5 pF                  | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R0CB01 | 5 pF                  | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R0WB01 | 5 pF                  | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R0BB01 | 5 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R0CB01 | 5 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R0WB01 | 5 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R1BB01 | 5.1 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R1CB01 | 5.1 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R1DB01 | 5.1 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R1WB01 | 5.1 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R1BB01 | 5.1 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R1CB01 | 5.1 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R1DB01 | 5.1 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R1WB01 | 5.1 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R1BB01 | 5.1 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R1CB01 | 5.1 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R1DB01 | 5.1 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R1WB01 | 5.1 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R1BB01 | 5.1 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R1CB01 | 5.1 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R1DB01 | 5.1 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R1WB01 | 5.1 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R2BB01 | 5.2 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R2CB01 | 5.2 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R2DB01 | 5.2 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R2WB01 | 5.2 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R2BB01 | 5.2 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R2CB01 | 5.2 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R2DB01 | 5.2 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R2WB01 | 5.2 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R2BB01 | 5.2 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R2CB01 | 5.2 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R2DB01 | 5.2 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R2WB01 | 5.2 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R2BB01 | 5.2 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R2CB01 | 5.2 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R2DB01 | 5.2 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R2WB01 | 5.2 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R3BB01 | 5.3 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          |                 |                       |        |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type   | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|--------|------------------------------------|
| GJM0335C1H5R3CB01 | 5.3 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R3DB01 | 5.3 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R3WB01 | 5.3 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R3BB01 | 5.3 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R3CB01 | 5.3 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R3DB01 | 5.3 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R3WB01 | 5.3 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R3BB01 | 5.3 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R3CB01 | 5.3 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R3DB01 | 5.3 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R3WB01 | 5.3 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R4BB01 | 5.4 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R4CB01 | 5.4 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R4DB01 | 5.4 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R4WB01 | 5.4 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R4BB01 | 5.4 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R4CB01 | 5.4 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R4DB01 | 5.4 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R4WB01 | 5.4 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R4BB01 | 5.4 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R4CB01 | 5.4 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R4DB01 | 5.4 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R4WB01 | 5.4 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R4BB01 | 5.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R4CB01 | 5.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R4DB01 | 5.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A5R4WB01 | 5.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R5BB01 | 5.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R5CB01 | 5.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R5DB01 | 5.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E5R5WB01 | 5.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R5BB01 | 5.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R5CB01 | 5.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R5DB01 | 5.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H5R5WB01 | 5.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R5BB01 | 5.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A5R5CB01 | 5.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0                    |        |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type   | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|--------|------------------------------------|
| GJM0335C2A6R0DB01 | 6 pF                  | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R0WB01 | 6 pF                  | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R0BB01 | 6 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R0CB01 | 6 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R0DB01 | 6 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R0WB01 | 6 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R1BB01 | 6.1 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R1CB01 | 6.1 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R1DB01 | 6.1 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R1WB01 | 6.1 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R1BB01 | 6.1 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R1CB01 | 6.1 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R1DB01 | 6.1 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R1WB01 | 6.1 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R1BB01 | 6.1 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R1CB01 | 6.1 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R1DB01 | 6.1 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R1WB01 | 6.1 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R2BB01 | 6.2 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R2CB01 | 6.2 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R2DB01 | 6.2 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R2WB01 | 6.2 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R2BB01 | 6.2 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R2CB01 | 6.2 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R2DB01 | 6.2 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R2WB01 | 6.2 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R2BB01 | 6.2 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R2CB01 | 6.2 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R2DB01 | 6.2 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R2WB01 | 6.2 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R2BB01 | 6.2 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R2CB01 | 6.2 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R2DB01 | 6.2 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R2WB01 | 6.2 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R3BB01 | 6.3 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R3CB01 | 6.3 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R3DB01 | 6.3 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R3WB01 | 6.3 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R3BB01 | 6.3 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R3CB01 | 6.3 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R3DB01 | 6.3 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R3WB01 | 6.3 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R3BB01 | 6.3 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R3CB01 | 6.3 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R3DB01 | 6.3 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R3WB01 | 6.3 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R3BB01 | 6.3 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R3CB01 | 6.3 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R3DB01 | 6.3 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R3WB01 | 6.3 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R4BB01 | 6.4 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R4CB01 | 6.4 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R4DB01 | 6.4 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R4WB01 | 6.4 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R4BB01 | 6.4 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R4CB01 | 6.4 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R4DB01 | 6.4 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R4WB01 | 6.4 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R4BB01 | 6.4 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R4CB01 | 6.4 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R4DB01 | 6.4 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R4WB01 | 6.4 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R4BB01 | 6.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R4CB01 | 6.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R4DB01 | 6.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R4WB01 | 6.4 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R5BB01 | 6.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R5CB01 | 6.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R5DB01 | 6.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R5WB01 | 6.5 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R5BB01 | 6.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R5CB01 | 6.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R5DB01 | 6.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R5WB01 | 6.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R5BB01 | 6.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R5CB01 | 6.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R5DB01 | 6.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R5WB01 | 6.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R5BB01 | 6.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R5CB01 | 6.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R5DB01 | 6.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R5WB01 | 6.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R6BB01 | 6.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R6CB01 | 6.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R6DB01 | 6.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R6WB01 | 6.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R6BB01 | 6.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R6CB01 | 6.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R6DB01 | 6.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R6WB01 | 6.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R6BB01 | 6.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R6CB01 | 6.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R6DB01 | 6.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R6WB01 | 6.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R6BB01 | 6.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R6CB01 | 6.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R6DB01 | 6.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R6WB01 | 6.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R7BB01 | 6.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R7CB01 | 6.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R7DB01 | 6.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E6R7WB01 | 6.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R7BB01 | 6.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R7CB01 | 6.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R7DB01 | 6.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H6R7WB01 | 6.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R7BB01 | 6.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R7CB01 | 6.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R7DB01 | 6.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A6R7WB01 | 6.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R7BB01 | 6.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R7CB01 | 6.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A6R7DB01 | 6.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             |                       |        |                                    |

| Part Number       | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max.) | Capacitance<br>Tolerance | Type   | Frequency Range<br>(simulation model) |
|-------------------|--------------------------|----------------------|--------------------------------|------------------------|---------------------|--------------------------|--------|---------------------------------------|
| GJM0335G2A6R7WB01 | 6.7 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E6R8BB01 | 6.8 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E6R8CB01 | 6.8 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E6R8DB01 | 6.8 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E6R8WB01 | 6.8 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H6R8BB01 | 6.8 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H6R8CB01 | 6.8 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H6R8DB01 | 6.8 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H6R8WB01 | 6.8 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A6R8BB01 | 6.8 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A6R8CB01 | 6.8 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A6R8DB01 | 6.8 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A6R8WB01 | 6.8 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A6R8BB01 | 6.8 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A6R8CB01 | 6.8 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A6R8DB01 | 6.8 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A6R8WB01 | 6.8 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E6R9BB01 | 6.9 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E6R9CB01 | 6.9 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E6R9DB01 | 6.9 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E6R9WB01 | 6.9 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H6R9BB01 | 6.9 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H6R9CB01 | 6.9 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H6R9DB01 | 6.9 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H6R9WB01 | 6.9 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A6R9BB01 | 6.9 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A6R9CB01 | 6.9 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A6R9DB01 | 6.9 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A6R9WB01 | 6.9 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A6R9BB01 | 6.9 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A6R9CB01 | 6.9 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A6R9DB01 | 6.9 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A6R9WB01 | 6.9 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R0BB01 | 7 pF                     | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R0CB01 | 7 pF                     | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R0DB01 | 7 pF                     | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R0WB01 | 7 pF                     | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R0BB01 | 7 pF                     | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R0CB01 | 7 pF                     | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R0DB01 | 7 pF                     | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R0WB01 | 7 pF                     | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R0BB01 | 7 pF                     | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R0CB01 | 7 pF                     | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R0DB01 | 7 pF                     | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R0WB01 | 7 pF                     | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A7R0BB01 | 7 pF                     | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A7R0CB01 | 7 pF                     | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A7R0DB01 | 7 pF                     | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A7R0WB01 | 7 pF                     | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R2BB01 | 7.2 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R2CB01 | 7.2 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R2DB01 | 7.2 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R2WB01 | 7.2 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R2BB01 | 7.2 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R2CB01 | 7.2 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R2DB01 | 7.2 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R2WB01 | 7.2 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R2BB01 | 7.2 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R2CB01 | 7.2 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R2DB01 | 7.2 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R2WB01 | 7.2 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A7R2CB01 | 7.2 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A7R2DB01 | 7.2 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A7R2WB01 | 7.2 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R3BB01 | 7.3 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R3CB01 | 7.3 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R3DB01 | 7.3 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R3WB01 | 7.3 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R3BB01 | 7.3 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R3CB01 | 7.3 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R3DB01 | 7.3 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R3WB01 | 7.3 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R3BB01 | 7.3 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R3CB01 | 7.3 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R3DB01 | 7.3 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R3WB01 | 7.3 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A7R3BB01 | 7.3 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A7R3CB01 | 7.3 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A7R3DB01 | 7.3 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A7R3WB01 | 7.3 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R4BB01 | 7.4 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R4CB01 | 7.4 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R4DB01 | 7.4 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R4WB01 | 7.4 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R4BB01 | 7.4 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R4CB01 | 7.4 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R4DB01 | 7.4 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1H7R4WB01 | 7.4 pF                   | 50Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R4BB01 | 7.4 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R4CB01 | 7.4 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R4DB01 | 7.4 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C2A7R4WB01 | 7.4 pF                   | 100Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A7R4BB01 | 7.4 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A7R4CB01 | 7.4 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A7R4DB01 | 7.4 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335G2A7R4WB01 | 7.4 pF                   | 100Vdc               | X8G (MURATA)                   | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R5BB01 | 7.5 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.1pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R5CB01 | 7.5 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.25pF                  | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R5DB01 | 7.5 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.5pF                   | High-Q | 100 MHz ~ 30 GHz                      |
| GJM0335C1E7R5WB01 | 7.5 pF                   | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ±0.050F                  | High-Q | 100 MHz ~ 30 GHz                      |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type   | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|--------|------------------------------------|
| GJM0335C1H7R5BB01 | 7.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R5CB01 | 7.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R5DB01 | 7.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R5WB01 | 7.5 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R5BB01 | 7.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R5CB01 | 7.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R5DB01 | 7.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R5WB01 | 7.5 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R5BB01 | 7.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R5CB01 | 7.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R5DB01 | 7.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R5WB01 | 7.5 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R8BB01 | 7.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R8CB01 | 7.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R8DB01 | 7.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R8WB01 | 7.6 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R6BB01 | 7.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R6CB01 | 7.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R6DB01 | 7.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R6WB01 | 7.6 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R6BB01 | 7.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R6CB01 | 7.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R6DB01 | 7.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R6WB01 | 7.6 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R6BB01 | 7.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R6CB01 | 7.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R6DB01 | 7.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R6WB01 | 7.6 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R7BB01 | 7.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R7CB01 | 7.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R7DB01 | 7.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R7WB01 | 7.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R7BB01 | 7.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R7CB01 | 7.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R7DB01 | 7.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R7WB01 | 7.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R7BB01 | 7.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R7CB01 | 7.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R7DB01 | 7.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R7WB01 | 7.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R7BB01 | 7.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R7CB01 | 7.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R7DB01 | 7.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R7WB01 | 7.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R8BB01 | 7.8 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R8CB01 | 7.8 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R8DB01 | 7.8 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R8WB01 | 7.8 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R8BB01 | 7.8 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R8CB01 | 7.8 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R8DB01 | 7.8 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R8WB01 | 7.8 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R8BB01 | 7.8 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R8CB01 | 7.8 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R8DB01 | 7.8 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R8WB01 | 7.8 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R8BB01 | 7.8 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R8CB01 | 7.8 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R8DB01 | 7.8 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R8WB01 | 7.8 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R9BB01 | 7.9 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R9CB01 | 7.9 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R9DB01 | 7.9 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E7R9WB01 | 7.9 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R9BB01 | 7.9 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R9CB01 | 7.9 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R9DB01 | 7.9 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H7R9WB01 | 7.9 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R9BB01 | 7.9 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R9CB01 | 7.9 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R9DB01 | 7.9 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A7R9WB01 | 7.9 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R9BB01 | 7.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R9CB01 | 7.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R9DB01 | 7.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A7R9WB01 | 7.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E8R0BB01 | 8 pF                  | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E8R0CB01 | 8 pF                  | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E8R0DB01 | 8 pF                  | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E8R0WB01 | 8 pF                  | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H8R0BB01 | 8 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H8R0CB01 | 8 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H8R0DB01 | 8 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H8R0WB01 | 8 pF                  | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A8R0BB01 | 8 pF                  | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A8R0CB01 | 8 pF                  | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A8R0DB01 | 8 pF                  | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A8R0WB01 | 8 pF                  | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A8R0BB01 | 8 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A8R0CB01 | 8 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A8R0DB01 | 8 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A8R0WB01 | 8 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E8R1BB01 | 8.1 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E8R1CB01 | 8.1 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E8R1DB01 | 8.1 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E8R1WB01 | 8.1 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H8R1BB01 | 8.1 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H8R1CB01 | 8.1 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H8R1DB01 | 8.1 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H8R1WB01 | 8.1 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A8R1BB01 | 8.1 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A8R1CB01 | 8.1 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A8R1DB01 | 8.1 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A8R1WB01 | 8.1 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A8R1BB01 | 8.1 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A8R1CB01 | 8.1 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A8R1DB01 | 8.1 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A8R1WB01 | 8.1 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E8R2BB01 | 8.2 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E8R2CB01 | 8.2 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E8R2DB01 | 8.2 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E8R2WB01 | 8.2 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H8R2BB01 | 8.2 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High-Q |                                    |



| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max.) | Capacitance Tolerance | Type   | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|--------|------------------------------------|
| GJM0335C2A89DB01  | 8.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A89WB01  | 8.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R0BB01 | 9 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R0CB01 | 9 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R0DB01 | 9 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R0WB01 | 9 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R0BB01 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R0CB01 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R0DB01 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R0WB01 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R0BB01 | 9 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R0CB01 | 9 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R0DB01 | 9 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R0WB01 | 9 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A9R0BB01 | 9 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A9R0CB01 | 9 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A9R0DB01 | 9 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A9R0WB01 | 9 pF                  | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R1BB01 | 9.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R1CB01 | 9.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R1DB01 | 9.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R1WB01 | 9.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R1BB01 | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R1CB01 | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R1DB01 | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R1WB01 | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R1BB01 | 9.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R1CB01 | 9.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R1DB01 | 9.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R1WB01 | 9.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A9R1BB01 | 9.1 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A9R1CB01 | 9.1 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A9R1DB01 | 9.1 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335G2A9R1WB01 | 9.1 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R2BB01 | 9.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R2CB01 | 9.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R2DB01 | 9.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max.) | Capacitance Tolerance | Type   | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|--------|------------------------------------|
| GJM0335C1E9R7WB01 | 9.7 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R7BB01 | 9.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R7CB01 | 9.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R7DB01 | 9.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R7WB01 | 9.7 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R7BB01 | 9.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R7CB01 | 9.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R7DB01 | 9.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R7WB01 | 9.7 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R7WB01 | 9.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R7BB01 | 9.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R7DB01 | 9.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R7WB01 | 9.7 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R8BB01 | 9.8 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R8CB01 | 9.8 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R8DB01 | 9.8 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R8WB01 | 9.8 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R8BB01 | 9.8 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R8CB01 | 9.8 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R8DB01 | 9.8 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R8WB01 | 9.8 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R8BB01 | 9.8 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R8CB01 | 9.8 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R8DB01 | 9.8 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R8WB01 | 9.8 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R8WB01 | 9.8 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R8CB01 | 9.8 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R8DB01 | 9.8 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R8WB01 | 9.8 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R9BB01 | 9.9 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R9CB01 | 9.9 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R9DB01 | 9.9 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E9R9WB01 | 9.9 pF                | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R9BB01 | 9.9 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R9CB01 | 9.9 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R9DB01 | 9.9 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H9R9WB01 | 9.9 pF                | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R9BB01 | 9.9 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R9CB01 | 9.9 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R9DB01 | 9.9 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R9WB01 | 9.9 pF                | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R9BB01 | 9.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.1pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R9CB01 | 9.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.25pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R9DB01 | 9.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.5pF                | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A9R9WB01 | 9.9 pF                | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.05pF               | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E100FB01 | 10 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±1%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E100GB01 | 10 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E100JB01 | 10 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H100GB01 | 10 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H100JB01 | 10 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A100GB01 | 10 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A100JB01 | 10 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A100GB01 | 10 pF                 | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A100JB01 | 10 pF                 | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E110GB01 | 11 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E110JB01 | 11 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H110GB01 | 11 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H110JB01 | 11 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A110GB01 | 11 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A110JB01 | 11 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A110GB01 | 11 pF                 | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A110JB01 | 11 pF                 | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E120FB01 | 12 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±1%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E120GB01 | 12 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E120JB01 | 12 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H120GB01 | 12 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H120JB01 | 12 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A120GB01 | 12 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A120JB01 | 12 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A120GB01 | 12 pF                 | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A120JB01 | 12 pF                 | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E130GB01 | 13 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E130JB01 | 13 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H130GB01 | 13 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H130JB01 | 13 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A130GB01 | 13 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A130JB01 | 13 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A130GB01 | 13 pF                 | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A130JB01 | 13 pF                 | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E150FB01 | 15 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±1%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E150GB01 | 15 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E150JB01 | 15 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H150GB01 | 15 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1H150JB01 | 15 pF                 | 50Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A150GB01 | 15 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A150JB01 | 15 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A150GB01 | 15 pF                 | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A150JB01 | 15 pF                 | 100Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E160GB01 | 16 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E160JB01 | 16 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A160GB01 | 16 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A160JB01 | 16 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A160GB01 | 16 pF                 | 100Vdc            | X8G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A160JB01 | 16 pF                 | 100Vdc            | X8G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E180FB01 | 18 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±1%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E180GB01 | 18 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E180JB01 | 18 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A180GB01 | 18 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A180JB01 | 18 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A180GB01 | 18 pF                 | 100Vdc            | X8G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A180JB01 | 18 pF                 | 100Vdc            | X8G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E200FB01 | 20 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±1%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E200GB01 | 20 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E200JB01 | 20 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A200GB01 | 20 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A200JB01 | 20 pF                 | 100Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A200GB01 | 20 pF                 | 100Vdc            | X8G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A200JB01 | 20 pF                 | 100Vdc            | X8G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C0J220GB01 | 22 pF                 | 6.3Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C0J220JB01 | 22 pF                 | 6.3Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E220GB01 | 22 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C1E220JB01 | 22 pF                 | 25Vdc             | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A220GB01 | 22 pF                 | 100Vdc            | X8G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C2A220JB01 | 22 pF                 | 100Vdc            | X8G (EIA)                   | 0201 (0603M)        | 0.33             | ±5%                   | High-Q | 100 MHz ~ 30 GHz                   |
| GJM0335C0J240GB01 | 24 pF                 | 6.3Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33             | ±2%                   | High-Q | 100 MHz ~ 8.5 GHz                  |

| Part Number       | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max.) | Capacitance<br>Tolerance | Type   | Frequency Range<br>(simulation model) |
|-------------------|--------------------------|----------------------|--------------------------------|------------------------|---------------------|--------------------------|--------|---------------------------------------|
| GJM0335C0J240JB01 | 24 pF                    | 6.3Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ± 5%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM0335C1E240GB01 | 24 pF                    | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ± 2%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM0335C1E240JB01 | 24 pF                    | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ± 5%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM0335C0J270GB01 | 27 pF                    | 6.3Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ± 2%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM0335C0J270JB01 | 27 pF                    | 6.3Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ± 5%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM0335C1E270GB01 | 27 pF                    | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ± 2%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM0335C1E270JB01 | 27 pF                    | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ± 5%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM0335C0J300GB01 | 30 pF                    | 6.3Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ± 2%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM0335C0J300JB01 | 30 pF                    | 6.3Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ± 5%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM0335C1E300GB01 | 30 pF                    | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ± 2%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM0335C1E300JB01 | 30 pF                    | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ± 5%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM0335C0J330GB01 | 33 pF                    | 6.3Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ± 2%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM0335C0J330JB01 | 33 pF                    | 6.3Vdc               | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ± 5%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM0335C1E330GB01 | 33 pF                    | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ± 2%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM0335C1E330JB01 | 33 pF                    | 25Vdc                | C0G (EIA)                      | 0201 (0603M)           | 0.33                | ± 5%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR10BB01 | 0.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR10WB01 | 0.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR15BB01 | 0.15 pF                  | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR20BB01 | 0.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR20WB01 | 0.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR24WB01 | 0.24 pF                  | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR27WB01 | 0.27 pF                  | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR30BB01 | 0.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR30WB01 | 0.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR40BB01 | 0.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR40WB01 | 0.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR50BB01 | 0.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR50WB01 | 0.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR60BB01 | 0.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR60WB01 | 0.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR70BB01 | 0.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR70WB01 | 0.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR75WB01 | 0.75 pF                  | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR80BB01 | 0.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR80WB01 | 0.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR90BB01 | 0.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR90WB01 | 0.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR0BB01  | 1 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR0CB01  | 1 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR0WB01  | 1 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 20 GHz                      |
| GJM1555C1HR1BB01  | 1.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR1CB01  | 1.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR1JB01  | 1.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ± 5%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR1WB01  | 1.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR2BB01  | 1.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR2CB01  | 1.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR2JB01  | 1.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ± 5%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR2WB01  | 1.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR3BB01  | 1.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR3CB01  | 1.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR3JB01  | 1.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ± 5%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR3WB01  | 1.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR4BB01  | 1.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR4CB01  | 1.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR4WB01  | 1.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR5BB01  | 1.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR5CB01  | 1.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR5JB01  | 1.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ± 5%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR5WB01  | 1.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR6BB01  | 1.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR6CB01  | 1.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR6JB01  | 1.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ± 5%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR6WB01  | 1.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR7BB01  | 1.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR7CB01  | 1.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR7WB01  | 1.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR8BB01  | 1.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR8CB01  | 1.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR8JB01  | 1.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ± 5%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR8WB01  | 1.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR9BB01  | 1.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR9CB01  | 1.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR9WB01  | 1.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR20BB01 | 2 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR20CB01 | 2 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR20GB01 | 2 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ± 2%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR20WB01 | 2 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR21BB01 | 2.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR21CB01 | 2.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR21WB01 | 2.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR22BB01 | 2.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR22CB01 | 2.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR22GB01 | 2.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ± 2%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR22WB01 | 2.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR23BB01 | 2.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR23CB01 | 2.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR23WB01 | 2.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR24BB01 | 2.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR24CB01 | 2.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR24GB01 | 2.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ± 2%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR24WB01 | 2.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR25BB01 | 2.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR25CB01 | 2.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR25WB01 | 2.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR26BB01 | 2.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR26CB01 | 2.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR26WB01 | 2.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR27BB01 | 2.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR27CB01 | 2.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR27GB01 | 2.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ± 2%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR27WB01 | 2.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR28BB01 | 2.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR28CB01 | 2.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR28WB01 | 2.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR29BB01 | 2.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR29CB01 | 2.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR29WB01 | 2.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR30BB01 | 3 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR30CB01 | 3 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR30GB01 | 3 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ± 2%                     | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR30WB01 | 3 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR31BB01 | 3.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR31CB01 | 3.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR31WB01 | 3.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1HR32BB01 | 3.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           |                     |                          |        |                                       |

| Part Number       | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max.) | Capacitance<br>Tolerance | Type   | Frequency Range<br>(Simulation model) |
|-------------------|--------------------------|----------------------|--------------------------------|------------------------|---------------------|--------------------------|--------|---------------------------------------|
| GJM1555C1H3R3BB01 | 3.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R3CB01 | 3.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R3GB01 | 3.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±2%                      | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R3WB01 | 3.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R4BB01 | 3.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R4CB01 | 3.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R4WB01 | 3.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R5BB01 | 3.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R5CB01 | 3.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R5WB01 | 3.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R6BB01 | 3.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R6CB01 | 3.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R6GB01 | 3.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±2%                      | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R6WB01 | 3.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R7BB01 | 3.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R7CB01 | 3.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R7WB01 | 3.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R8BB01 | 3.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R8CB01 | 3.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R8WB01 | 3.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R9BB01 | 3.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R9CB01 | 3.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R9GB01 | 3.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±2%                      | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H3R9WB01 | 3.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R0BB01 | 4 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R0CB01 | 4 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R0WB01 | 4 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R1BB01 | 4.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R1CB01 | 4.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R1WB01 | 4.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R2BB01 | 4.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R2CB01 | 4.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R2WB01 | 4.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R3BB01 | 4.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R3CB01 | 4.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R3GB01 | 4.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±2%                      | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R3WB01 | 4.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R4BB01 | 4.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R4CB01 | 4.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R4WB01 | 4.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R5BB01 | 4.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R5CB01 | 4.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R5WB01 | 4.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R6BB01 | 4.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R6CB01 | 4.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R6WB01 | 4.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R7BB01 | 4.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R7CB01 | 4.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R7GB01 | 4.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±2%                      | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R7WB01 | 4.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R8BB01 | 4.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R8CB01 | 4.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R8WB01 | 4.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R9BB01 | 4.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R9CB01 | 4.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H4R9WB01 | 4.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R0BB01 | 5 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R0CB01 | 5 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R0WB01 | 5 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R1BB01 | 5.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R1CB01 | 5.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R1DB01 | 5.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R1FB01 | 5.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±1%                      | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R1WB01 | 5.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R2BB01 | 5.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R2CB01 | 5.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R2DB01 | 5.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R2WB01 | 5.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R3BB01 | 5.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R3CB01 | 5.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R3DB01 | 5.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R3WB01 | 5.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R4BB01 | 5.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R4CB01 | 5.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R4DB01 | 5.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R4WB01 | 5.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R5BB01 | 5.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R5CB01 | 5.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R5DB01 | 5.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R5WB01 | 5.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R6BB01 | 5.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R6CB01 | 5.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R6DB01 | 5.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R6FB01 | 5.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±1%                      | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R6WB01 | 5.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R7BB01 | 5.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R7CB01 | 5.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R7DB01 | 5.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R7WB01 | 5.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R8BB01 | 5.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R8CB01 | 5.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R8DB01 | 5.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R8WB01 | 5.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R9BB01 | 5.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R9CB01 | 5.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R9DB01 | 5.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H5R9WB01 | 5.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R0BB01 | 6 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R0CB01 | 6 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R0DB01 | 6 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R0WB01 | 6 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R1BB01 | 6.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R1CB01 | 6.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R1DB01 | 6.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R1WB01 | 6.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R2BB01 | 6.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R2CB01 | 6.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R2DB01 | 6.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R2FB01 | 6.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±1%                      | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R2WB01 | 6.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R3BB01 | 6.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R3CB01 | 6.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R3DB01 | 6.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           |                     |                          |        |                                       |

| Part Number       | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max.) | Capacitance<br>Tolerance | Type   | Frequency Range<br>(Simulation model) |
|-------------------|--------------------------|----------------------|--------------------------------|------------------------|---------------------|--------------------------|--------|---------------------------------------|
| GJM1555C1H6R4WB01 | 6.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R5BB01 | 6.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R5CB01 | 6.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R5DB01 | 6.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R5WB01 | 6.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R6BB01 | 6.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R6CB01 | 6.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R6DB01 | 6.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R6WB01 | 6.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R7BB01 | 6.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R7CB01 | 6.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R7DB01 | 6.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R7WB01 | 6.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R8BB01 | 6.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R8CB01 | 6.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R8DB01 | 6.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R8FB01 | 6.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±1%                      | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R8WB01 | 6.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R9BB01 | 6.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R9CB01 | 6.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R9DB01 | 6.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H6R9WB01 | 6.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R0BB01 | 7 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R0CB01 | 7 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R0DB01 | 7 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R0WB01 | 7 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R1BB01 | 7.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R1CB01 | 7.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R1DB01 | 7.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R1WB01 | 7.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R2BB01 | 7.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R2CB01 | 7.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R2DB01 | 7.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R2WB01 | 7.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R3BB01 | 7.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R3CB01 | 7.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R3DB01 | 7.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R3WB01 | 7.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R4BB01 | 7.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R4CB01 | 7.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R4DB01 | 7.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R4WB01 | 7.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R5BB01 | 7.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R5CB01 | 7.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R5DB01 | 7.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R5FB01 | 7.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±1%                      | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R5WB01 | 7.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R6BB01 | 7.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R6CB01 | 7.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R6DB01 | 7.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R6WB01 | 7.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R7BB01 | 7.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R7CB01 | 7.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R7DB01 | 7.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R7WB01 | 7.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R8BB01 | 7.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R8CB01 | 7.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R8DB01 | 7.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R8WB01 | 7.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R9BB01 | 7.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R9CB01 | 7.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R9DB01 | 7.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H7R9WB01 | 7.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R0BB01 | 8 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R0CB01 | 8 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R0DB01 | 8 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R0WB01 | 8 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R1BB01 | 8.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R1CB01 | 8.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R1DB01 | 8.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R1WB01 | 8.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R2BB01 | 8.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R2CB01 | 8.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R2DB01 | 8.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R2FB01 | 8.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±1%                      | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R2WB01 | 8.2 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R3BB01 | 8.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R3CB01 | 8.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R3DB01 | 8.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R3WB01 | 8.3 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R4BB01 | 8.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R4CB01 | 8.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R4DB01 | 8.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R4WB01 | 8.4 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R5BB01 | 8.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R5CB01 | 8.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R5DB01 | 8.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R5WB01 | 8.5 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R6BB01 | 8.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R6CB01 | 8.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R6DB01 | 8.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R6WB01 | 8.6 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R7BB01 | 8.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R7CB01 | 8.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R7DB01 | 8.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R7WB01 | 8.7 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R8BB01 | 8.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R8CB01 | 8.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R8DB01 | 8.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R8WB01 | 8.8 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R9BB01 | 8.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R9CB01 | 8.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R9DB01 | 8.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H8R9WB01 | 8.9 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H9R0BB01 | 9 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H9R0CB01 | 9 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H9R0DB01 | 9 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H9R0WB01 | 9 pF                     | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.05pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H9R1BB01 | 9.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.1pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H9R1CB01 | 9.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.25pF                  | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H9R1DB01 | 9.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±0.5pF                   | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H9R1FB01 | 9.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (1005M)           | 0.55                | ±1%                      | High-Q | 100 MHz - 8.5 GHz                     |
| GJM1555C1H9R1WB01 | 9.1 pF                   | 50Vdc                | C0G (EIA)                      | 0402 (100              |                     |                          |        |                                       |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type           | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|----------------|------------------------------------|
| GJM1555C1H9R3BB01 | 9.3 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R3CB01 | 9.3 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R3DB01 | 9.3 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R3WB01 | 9.3 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R4BB01 | 9.4 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R4CB01 | 9.4 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R4DB01 | 9.4 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R4WB01 | 9.4 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R5BB01 | 9.5 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R5CB01 | 9.5 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R5DB01 | 9.5 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R5WB01 | 9.5 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R6BB01 | 9.6 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R6CB01 | 9.6 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R6DB01 | 9.6 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R6WB01 | 9.6 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R7BB01 | 9.7 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R7CB01 | 9.7 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R7DB01 | 9.7 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R7WB01 | 9.7 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R8BB01 | 9.8 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R8CB01 | 9.8 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R8DB01 | 9.8 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R8WB01 | 9.8 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R9BB01 | 9.9 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R9CB01 | 9.9 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R9DB01 | 9.9 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H9R9WB01 | 9.9 pF                | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H100FB01 | 10 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±1%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H100GB01 | 10 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H100JB01 | 10 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H110GB01 | 11 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H110JB01 | 11 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H120FB01 | 12 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±1%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H120GB01 | 12 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H120JB01 | 12 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H130GB01 | 13 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H130JB01 | 13 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H150FB01 | 15 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±1%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H150GB01 | 15 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H150JB01 | 15 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H160GB01 | 16 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H160JB01 | 16 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H180FB01 | 18 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±1%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H180GB01 | 18 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H180JB01 | 18 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H200GB01 | 20 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H200JB01 | 20 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H220FB01 | 22 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±1%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H220GB01 | 22 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H220JB01 | 22 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H240FB01 | 24 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±1%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H240GB01 | 24 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H240JB01 | 24 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H270FB01 | 27 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±1%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H270GB01 | 27 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H270JB01 | 27 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H300FB01 | 30 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±1%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H300GB01 | 30 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H300JB01 | 30 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H330FB01 | 33 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±1%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H330GB01 | 33 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H330JB01 | 33 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H360FB01 | 36 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±1%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H360GB01 | 36 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H360JB01 | 36 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H390FB01 | 39 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±1%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H390GB01 | 39 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H390JB01 | 39 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H430FB01 | 43 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±1%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H430GB01 | 43 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H430JB01 | 43 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H470FB01 | 47 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±1%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H470GB01 | 47 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±2%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GJM1555C1H470JB01 | 47 pF                 | 50Vdc             | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±5%                   | High-Q         | 100 MHz - 8.5 GHz                  |
| GQM0335C2DR20BB01 | 0.2 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR20WB01 | 0.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR20BB01 | 0.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2DR20WB01 | 0.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR30BB01 | 0.3 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR30WB01 | 0.3 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2DR30BB01 | 0.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2DR30WB01 | 0.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR40BB01 | 0.4 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR40WB01 | 0.4 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2DR40BB01 | 0.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2DR40WB01 | 0.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR50BB01 | 0.5 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR50WB01 | 0.5 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2DR50BB01 | 0.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2DR50WB01 | 0.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR60BB01 | 0.6 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR60WB01 | 0.6 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2DR60BB01 | 0.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2DR60WB01 | 0.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR70BB01 | 0.7 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR70WB01 | 0.7 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2DR70BB01 | 0.7 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2DR70WB01 | 0.7 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR80BB01 | 0.8 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR80WB01 | 0.8 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2DR80BB01 | 0.8 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2DR80WB01 | 0.8 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR90BB01 | 0.9 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2DR90WB01 | 0.9 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2DR90BB01 | 0.9 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2DR90WB01 | 0.9 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2D1R0BB01 | 1 pF                  | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2D1R0CB01 | 1 pF                  | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2D1R0WB01 | 1 pF                  | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2D1R0BB01 | 1 pF                  | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2D1R0CB01 | 1 pF                  | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335G2D1R0WB01 | 1 pF                  | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2D1R1BB01 | 1.1 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz - 30 GHz                   |
| GQM0335C2D1R1CB01 | 1.1 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type           | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|----------------|------------------------------------|
| GQM0335G2D1R1CB01 | 1.1 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R1WB01 | 1.1 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R2BB01 | 1.2 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R2CB01 | 1.2 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R2WB01 | 1.2 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R2BB01 | 1.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R2CB01 | 1.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R2WB01 | 1.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R3BB01 | 1.3 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R3CB01 | 1.3 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R3WB01 | 1.3 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R3BB01 | 1.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R3CB01 | 1.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R3WB01 | 1.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R4BB01 | 1.4 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R4CB01 | 1.4 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R4WB01 | 1.4 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R4BB01 | 1.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R4CB01 | 1.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R4WB01 | 1.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D1R5BB01 | 1.5 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D1R5CB01 | 1.5 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D1R5WB01 | 1.5 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R5BB01 | 1.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R5CB01 | 1.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R5WB01 | 1.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D1R6BB01 | 1.6 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D1R6CB01 | 1.6 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D1R6WB01 | 1.6 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R6BB01 | 1.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R6CB01 | 1.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R6WB01 | 1.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D1R7BB01 | 1.7 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D1R7CB01 | 1.7 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D1R7WB01 | 1.7 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R7BB01 | 1.7 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D1R7CB01 | 1.7 pF                | 200Vdc            |                             |                       |                  |                       |                |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type           | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|----------------|------------------------------------|
| QGM0335C2D3R1CB01 | 3.1 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R1WB01 | 3.1 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R1BB01 | 3.1 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R1CB01 | 3.1 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R1WB01 | 3.1 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R2BB01 | 3.2 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R2CB01 | 3.2 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R2WB01 | 3.2 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R2BB01 | 3.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R2CB01 | 3.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R2WB01 | 3.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R3BB01 | 3.3 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R3CB01 | 3.3 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R3WB01 | 3.3 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R3BB01 | 3.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R3CB01 | 3.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R3WB01 | 3.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R4BB01 | 3.4 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R4CB01 | 3.4 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R4WB01 | 3.4 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R4BB01 | 3.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R4CB01 | 3.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R4WB01 | 3.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R5BB01 | 3.5 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R5CB01 | 3.5 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R5WB01 | 3.5 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R5BB01 | 3.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R5CB01 | 3.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R5WB01 | 3.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R6BB01 | 3.6 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R6CB01 | 3.6 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R6WB01 | 3.6 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R6BB01 | 3.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R6CB01 | 3.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335G2D3R6WB01 | 3.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33            | ±0.05pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM0335C2D3R7BB01 | 3.7 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)        | 0.33            | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| QGM03             |                       |                   |                             |                     |                 |                       |                |                                    |

| Part Number        | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type           | Frequency Range (simulation model) |
|--------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|----------------|------------------------------------|
| GQM0335G2D5R0CB01  | 5 pF                  | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R0WB01  | 5 pF                  | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.050pF              | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R11BB01 | 5.1 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R11CB01 | 5.1 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R11DB01 | 5.1 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R11WB01 | 5.1 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.050pF              | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R11BB01 | 5.1 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R11CB01 | 5.1 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R11DB01 | 5.1 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R11WB01 | 5.1 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.050pF              | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R2BB01  | 5.2 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R2CB01  | 5.2 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R2DB01  | 5.2 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R2WB01  | 5.2 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.050pF              | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R2BB01  | 5.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R2CB01  | 5.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R2DB01  | 5.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R2WB01  | 5.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.050pF              | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R3BB01  | 5.3 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R3CB01  | 5.3 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R3DB01  | 5.3 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R3WB01  | 5.3 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.050pF              | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R3BB01  | 5.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R3CB01  | 5.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R3DB01  | 5.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R3WB01  | 5.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.050pF              | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R4BB01  | 5.4 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R4CB01  | 5.4 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R4DB01  | 5.4 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R4WB01  | 5.4 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.050pF              | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R4BB01  | 5.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R4CB01  | 5.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R4DB01  | 5.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335G2D5R4WB01  | 5.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.050pF              | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R5BB01  | 5.5 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R5CB01  | 5.5 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz ~ 30 GHz                   |
| GQM0335C2D5R5DB01  | 5.5 pF                |                   |                             |                       |                  |                       |                |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type           | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|----------------|------------------------------------|
| QGM0335C2D6R5WB01 | 8.5 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R5BB01 | 8.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R5CB01 | 8.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R5DB01 | 8.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R5WB01 | 8.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R6BB01 | 8.6 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R6CB01 | 8.6 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R6DB01 | 8.6 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R6WB01 | 8.6 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R6WB01 | 8.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R6BB01 | 8.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R6CB01 | 8.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R6DB01 | 8.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R7BB01 | 8.7 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R7CB01 | 8.7 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R7DB01 | 8.7 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R7WB01 | 8.7 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R7BB01 | 8.7 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R7CB01 | 8.7 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R7DB01 | 8.7 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R7WB01 | 8.7 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R8BB01 | 8.8 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R8CB01 | 8.8 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R8DB01 | 8.8 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R8WB01 | 8.8 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R8WB01 | 8.8 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R8CB01 | 8.8 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R8DB01 | 8.8 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R8WB01 | 8.8 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R9BB01 | 8.9 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R9CB01 | 8.9 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R9DB01 | 8.9 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R9WB01 | 8.9 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R9WB01 | 8.9 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R9CB01 | 8.9 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335C2D6R9DB01 | 8.9 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| QGM0335           |                       |                   |                             |                       |                  |                       |                |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type           | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|----------------|------------------------------------|
| GQM0335C2D8R0BB01 | 8 pF                  | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R0CB01 | 8 pF                  | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R0DB01 | 8 pF                  | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R0WB01 | 8 pF                  | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R0BB01 | 8 pF                  | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R0CB01 | 8 pF                  | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R0DB01 | 8 pF                  | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R0WB01 | 8 pF                  | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R1BB01 | 8.1 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R1CB01 | 8.1 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R1DB01 | 8.1 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R1WB01 | 8.1 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R1BB01 | 8.1 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R1CB01 | 8.1 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R1DB01 | 8.1 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R1WB01 | 8.1 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R2BB01 | 8.2 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R2CB01 | 8.2 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R2DB01 | 8.2 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R2WB01 | 8.2 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R2BB01 | 8.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R2CB01 | 8.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R2DB01 | 8.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R2WB01 | 8.2 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R3BB01 | 8.3 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R3CB01 | 8.3 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R3DB01 | 8.3 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R3WB01 | 8.3 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R3BB01 | 8.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R3CB01 | 8.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R3DB01 | 8.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R3WB01 | 8.3 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R4BB01 | 8.4 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R4CB01 | 8.4 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R4DB01 | 8.4 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D8R4WB01 | 8.4 pF                | 200Vdc            | C0G (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D8R4BB01 | 8.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)</        |                  |                       |                |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max.) | Capacitance Tolerance | Type           | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|----------------|------------------------------------|
| GQM0335G2D9R4CB01 | 9.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R4DB01 | 9.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R4WB01 | 9.4 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R5BB01 | 9.5 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R5CB01 | 9.5 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R5DB01 | 9.5 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R5WB01 | 9.5 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R5BB01 | 9.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R5CB01 | 9.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R5DB01 | 9.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R5WB01 | 9.5 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R6BB01 | 9.6 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R6CB01 | 9.6 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R6DB01 | 9.6 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R6WB01 | 9.6 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R6BB01 | 9.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R6CB01 | 9.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R6DB01 | 9.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R6WB01 | 9.6 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R7BB01 | 9.7 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R7CB01 | 9.7 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R7DB01 | 9.7 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R7WB01 | 9.7 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R7BB01 | 9.7 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R7CB01 | 9.7 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R7DB01 | 9.7 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R7WB01 | 9.7 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R8BB01 | 9.8 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R8CB01 | 9.8 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R8DB01 | 9.8 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R8WB01 | 9.8 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R8BB01 | 9.8 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R8CB01 | 9.8 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.25pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R8DB01 | 9.8 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.5pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335G2D9R8WB01 | 9.8 pF                | 200Vdc            | X8G (MURATA)                | 0201 (0603M)        | 0.33             | ±0.05pF               | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R9BB01 | 9.9 pF                | 200Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33             | ±0.1pF                | High Frequency | 100 MHz – 30 GHz                   |
| GQM0335C2D9R9CB01 | 9.9 pF                | 200Vdc            | COG (EIA                    |                     |                  |                       |                |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type           | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|----------------|------------------------------------|
| GQM1555C2D2R7BB01 | 2.7 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D2R7CB01 | 2.7 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D3R0BB01 | 3 pF                  | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D3R0CB01 | 3 pF                  | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D3R0WB01 | 3 pF                  | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D3R3BB01 | 3.3 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D3R3CB01 | 3.3 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D3R6BB01 | 3.6 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D3R6CB01 | 3.6 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D3R9BB01 | 3.9 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D3R9CB01 | 3.9 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D4R0BB01 | 4 pF                  | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D4R0CB01 | 4 pF                  | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D4R3BB01 | 4.3 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D4R3CB01 | 4.3 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D4R7BB01 | 4.7 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D4R7CB01 | 4.7 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D5R0BB01 | 5 pF                  | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D5R0CB01 | 5 pF                  | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D5R1BB01 | 5.1 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D5R1CB01 | 5.1 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D5R6BB01 | 5.6 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D5R6CB01 | 5.6 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D6R0BB01 | 6 pF                  | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D6R0CB01 | 6 pF                  | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D6R2BB01 | 6.2 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D6R2CB01 | 6.2 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D6R8BB01 | 6.8 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D6R8CB01 | 6.8 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D7R0BB01 | 7 pF                  | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D7R0CB01 | 7 pF                  | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D7R5BB01 | 7.5 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D7R5CB01 | 7.5 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D8R0BB01 | 8 pF                  | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D8R0CB01 | 8 pF                  | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D8R2BB01 | 8.2 pF                | 200Vdc            | C0G (EIA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1555C2D8R2CB01 | 8.2 pF                | 200Vdc            | C0G (EIA)                   | 04                    |                  |                       |                |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type           | Frequency Range (Simulation Model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|----------------|------------------------------------|
| QGM1875C2E2R2CB12 | 2.2 pF                | 250Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875C2E2R2BB12 | 2.2 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875C2E2R2CB12 | 2.2 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875C2E2R4BB12 | 2.4 pF                | 250Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.8             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875C2E2R4CB12 | 2.4 pF                | 250Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E2R4BB12 | 2.4 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E2R4CB12 | 2.4 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E2R4WB12 | 2.4 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.05pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875C2E2R7BB12 | 2.7 pF                | 250Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.8             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875C2E2R7CB12 | 2.7 pF                | 250Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E2R7BB12 | 2.7 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E2R7CB12 | 2.7 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E2R7DB12 | 2.7 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.5pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E2R7WB12 | 2.7 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.05pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875C2E3R0BB12 | 3 pF                  | 250Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.8             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875C2E3R0CB12 | 3 pF                  | 250Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E3R0BB12 | 3 pF                  | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E3R0CB12 | 3 pF                  | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875C2E3R3BB12 | 3.3 pF                | 250Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.8             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875C2E3R3CB12 | 3.3 pF                | 250Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E3R3BB12 | 3.3 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E3R3CB12 | 3.3 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E3R3DB12 | 3.3 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.5pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E3R3WB12 | 3.3 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.05pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875C2E3R6BB12 | 3.6 pF                | 250Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.8             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875C2E3R6CB12 | 3.6 pF                | 250Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E3R6BB12 | 3.6 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E3R6CB12 | 3.6 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E3R6DB12 | 3.6 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.5pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E3R6WB12 | 3.6 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.05pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875C2E3R9BB12 | 3.9 pF                | 250Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.8             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875C2E3R9CB12 | 3.9 pF                | 250Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E3R9BB12 | 3.9 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E3R9CB12 | 3.9 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E3R9DB12 | 3.9 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.5pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875G2E3R9WB12 | 3.9 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.05pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| QGM1875C2E4R0     |                       |                   |                             |                     |                 |                       |                |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type           | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|----------------|------------------------------------|
| GQM1875G2E9R0DB12 | 9 pF                  | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.5pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E9R0WB12 | 9 pF                  | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.05pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E9R1CB12 | 9.1 pF                | 250Vdc            | COG (EIA)                   | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E9R1DB12 | 9.1 pF                | 250Vdc            | COG (EIA)                   | 0603 (1608M)        | 0.8             | ±0.5pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E9R1BB12 | 9.1 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E9R1CB12 | 9.1 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E9R1DB12 | 9.1 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.5pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E9R1WB12 | 9.1 pF                | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±0.05pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E100GB12 | 10 pF                 | 250Vdc            | COG (EIA)                   | 0603 (1608M)        | 0.8             | ±2%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E100JB12 | 10 pF                 | 250Vdc            | COG (EIA)                   | 0603 (1608M)        | 0.8             | ±5%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E100GB12 | 10 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±2%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E100JB12 | 10 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±5%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E100RB12 | 10 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±2.5%                 | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E110GB12 | 11 pF                 | 250Vdc            | COG (EIA)                   | 0603 (1608M)        | 0.8             | ±2%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E110JB12 | 11 pF                 | 250Vdc            | COG (EIA)                   | 0603 (1608M)        | 0.8             | ±5%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E110FB12 | 11 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±1%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E110GB12 | 11 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±2%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E110JB12 | 11 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±5%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E120GB12 | 12 pF                 | 250Vdc            | COG (EIA)                   | 0603 (1608M)        | 0.8             | ±2%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E120GB12 | 12 pF                 | 250Vdc            | COG (EIA)                   | 0603 (1608M)        | 0.8             | ±5%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E120FB12 | 12 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±1%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E120GB12 | 12 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±2%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E120JB12 | 12 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±5%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E130GB12 | 13 pF                 | 250Vdc            | COG (EIA)                   | 0603 (1608M)        | 0.8             | ±2%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E130JB12 | 13 pF                 | 250Vdc            | COG (EIA)                   | 0603 (1608M)        | 0.8             | ±5%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E130FB12 | 13 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±1%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E130GB12 | 13 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±2%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E130JB12 | 13 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±5%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E150GB12 | 15 pF                 | 250Vdc            | COG (EIA)                   | 0603 (1608M)        | 0.8             | ±2%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E150JB12 | 15 pF                 | 250Vdc            | COG (EIA)                   | 0603 (1608M)        | 0.8             | ±5%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E150FB12 | 15 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±1%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E150GB12 | 15 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±2%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E150JB12 | 15 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±5%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E160GB12 | 16 pF                 | 250Vdc            | COG (EIA)                   | 0603 (1608M)        | 0.8             | ±2%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E160JB12 | 16 pF                 | 250Vdc            | COG (EIA)                   | 0603 (1608M)        | 0.8             | ±5%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E160FB12 | 16 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±1%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E160GB12 | 16 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±2%                   | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM1875G2E160JB12 | 16 pF                 | 250Vdc            | X8G (MURATA)                | 0603 (1608M)        | 0.8             | ±5%                   | High Frequency | 100 MHz - 8                        |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max.) | Capacitance Tolerance | Type           | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|----------------|------------------------------------|
| GQM2195C2E1R2BB12 | 1.2 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)        | 1                | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195C2E1R2CB12 | 1.2 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)        | 1                | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195C2E1R2BB12 | 1.2 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195C2E1R2CB12 | 1.2 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195C2E1R2DB12 | 1.2 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195C2E1R2DB12 | 1.2 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.5pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2E1R2WB12 | 1.2 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.05pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2H1R2BB12 | 1.2 pF                | 500Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2H1R2CB12 | 1.2 pF                | 500Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195C2E1R3BB12 | 1.3 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)        | 1                | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195C2E1R3CB12 | 1.3 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)        | 1                | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2E1R3BB12 | 1.3 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2E1R3CB12 | 1.3 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2E1R3DB12 | 1.3 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.5pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2E1R3WB12 | 1.3 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.05pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2H1R3BB12 | 1.3 pF                | 500Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2H1R3CB12 | 1.3 pF                | 500Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195C2E1R5BB12 | 1.5 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)        | 1                | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195C2E1R5CB12 | 1.5 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)        | 1                | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2E1R5BB12 | 1.5 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2E1R5CB12 | 1.5 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2E1R5DB12 | 1.5 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.5pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2E1R5WB12 | 1.5 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.05pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2H1R5BB12 | 1.5 pF                | 500Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2H1R5CB12 | 1.5 pF                | 500Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195C2E1R6BB12 | 1.6 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)        | 1                | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195C2E1R6CB12 | 1.6 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)        | 1                | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2E1R6BB12 | 1.6 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2E1R6CB12 | 1.6 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2E1R6DB12 | 1.6 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.5pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2E1R6WB12 | 1.6 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.05pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2H1R6BB12 | 1.6 pF                | 500Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2H1R6CB12 | 1.6 pF                | 500Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195C2E1R8BB12 | 1.8 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)        | 1                | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195C2E1R8CB12 | 1.8 pF                | 250Vdc            | COG (EIA)                   | 0805 (2012M)        | 1                | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2E1R8BB12 | 1.8 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.1pF                | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM2195G2E1R8CB12 | 1.8 pF                | 250Vdc            | X8G (MURATA)                | 0805 (2012M)        | 1                | ±0.25pF               | High Frequency | 100 MHz - 8.5 GHz                  |
| GQM               |                       |                   |                             |                     |                  |                       |                |                                    |













| Part Number        | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type                           | Frequency Range (Simulation model) |
|--------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|--------------------------------|------------------------------------|
| GRJ55DR7L V474KW01 | 47000 pF              | 630Vdc            | X7R (EIA)                   | 2220 (5750M)          | 2                | ±1%                   | 200V and over/ General Purpose | 100 MHz ~ 30 GHz                   |
| GRJ55DR72E684KWJ1  | 680000 pF             | 250Vdc            | X7R (EIA)                   | 2220 (5750M)          | 2                | ±10%                  | 200V and over/ General Purpose | 100 Hz ~ 3 GHz                     |
| GRJ55DR72E105KWJ1  | 1 uF                  | 250Vdc            | X7R (EIA)                   | 2220 (5750M)          | 2                | ±10%                  | 200V and over/ General Purpose | 100 Hz ~ 3 GHz                     |
| GRM015C1CR30BE11   | 0.2 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1CR20WE11   | 0.2 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER20BE11   | 0.2 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER20WE11   | 0.2 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1CR30BE11   | 0.3 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1CR30WE11   | 0.3 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER30BE11   | 0.3 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER30WE11   | 0.3 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1CR40BE11   | 0.4 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1CR40WE11   | 0.4 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER40BE11   | 0.4 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER40WE11   | 0.4 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1CR50BE11   | 0.5 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1CR50WE11   | 0.5 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER50BE11   | 0.5 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER50WE11   | 0.5 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1CR60BE11   | 0.6 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1CR60WE11   | 0.6 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER60BE11   | 0.6 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER60WE11   | 0.6 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1CR70BE11   | 0.7 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1CR70WE11   | 0.7 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER70BE11   | 0.7 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER70WE11   | 0.7 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1CR80BE11   | 0.8 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1CR80WE11   | 0.8 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER80BE11   | 0.8 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER80WE11   | 0.8 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1CR90BE11   | 0.9 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1CR90WE11   | 0.9 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER90BE11   | 0.9 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1ER90WE11   | 0.9 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.050pF              | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1C1R0BE11   | 1 pF                  | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small                    | 100 MHz ~ 30 GHz                   |
| GRM015C1C1R0CE     |                       |                   |                             |                       |                  |                       |                                |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM0115C1E2R3CE11 | 2.3 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R3WE11 | 2.3 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R4BE01 | 2.4 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R4CE01 | 2.4 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R4WE01 | 2.4 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R4BE01 | 2.4 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R4CE01 | 2.4 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R4WE01 | 2.4 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R5BE01 | 2.5 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R5CE01 | 2.5 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R5WE01 | 2.5 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R5BE01 | 2.5 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R5CE01 | 2.5 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R5WE01 | 2.5 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R6BE01 | 2.6 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R6CE01 | 2.6 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R6WE01 | 2.6 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R6BE01 | 2.6 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R6CE01 | 2.6 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R6WE01 | 2.6 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R7BE01 | 2.7 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R7CE01 | 2.7 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R7WE01 | 2.7 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R7BE01 | 2.7 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R7CE01 | 2.7 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R7WE01 | 2.7 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R8BE01 | 2.8 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R8CE01 | 2.8 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R8WE01 | 2.8 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R8BE01 | 2.8 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R8CE01 | 2.8 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R8WE01 | 2.8 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R9BE01 | 2.9 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R9CE01 | 2.9 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1C2R9WE01 | 2.9 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)        | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0115C1E2R9BE01 | 2.9 pF                | 25Vdc             | C0G (EIA)                   | 080804 (020           |                  |                       |             |                                    |

| Part Number       | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max) | Capacitance<br>Tolerance | Type        | Frequency Range<br>(simulation model) |
|-------------------|--------------------------|----------------------|--------------------------------|------------------------|--------------------|--------------------------|-------------|---------------------------------------|
| GRM0115C1C4R3CE01 | 4.3 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.25pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R3WE01 | 4.3 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.05pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R3BE01 | 4.3 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.1pF                   | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R3CE01 | 4.3 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.25pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R3WE01 | 4.3 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.05pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R4BE01 | 4.4 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.1pF                   | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R4CE01 | 4.4 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.25pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R4WE01 | 4.4 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.05pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R4BE01 | 4.4 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.1pF                   | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R4CE01 | 4.4 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.25pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R4WE01 | 4.4 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.05pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R5BE01 | 4.5 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.1pF                   | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R5CE01 | 4.5 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.25pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R5WE01 | 4.5 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.05pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R5BE01 | 4.5 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.1pF                   | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R5CE01 | 4.5 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.25pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R5WE01 | 4.5 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.05pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R6BE01 | 4.6 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.1pF                   | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R6CE01 | 4.6 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.25pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R6WE01 | 4.6 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.05pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R6BE01 | 4.6 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.1pF                   | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R6CE01 | 4.6 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.25pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R6WE01 | 4.6 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.05pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R7BE01 | 4.7 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.1pF                   | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R7CE01 | 4.7 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.25pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R7WE01 | 4.7 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.05pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R7BE01 | 4.7 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.1pF                   | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R7CE01 | 4.7 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.25pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R7WE01 | 4.7 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.05pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R8BE01 | 4.8 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.1pF                   | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R8CE01 | 4.8 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.25pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R8WE01 | 4.8 pF                   | 16Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.05pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R8BE01 | 4.8 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.1pF                   | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R8CE01 | 4.8 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.25pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1E4R8WE01 | 4.8 pF                   | 25Vdc                | C0G (EIA)                      | 080804 (0201M)         | 0.138              | ±0.05pF                  | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0115C1C4R9BE01 | 4.9 pF                   | 16Vdc                | C0G (EIA)                      |                        |                    |                          |             |                                       |

| Part Number      | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch/(mm) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM015C1E5R9DE01 | 5.9 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E5R9WE01 | 5.9 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C8R0BE01 | 6 pF                  | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C8R0CE01 | 6 pF                  | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C8R0DE01 | 6 pF                  | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C8R0WE01 | 6 pF                  | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R0BE01 | 6 pF                  | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R0CE01 | 6 pF                  | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R0DE01 | 6 pF                  | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R0WE01 | 6 pF                  | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C6R1BE01 | 6.1 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C6R1CE01 | 6.1 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C6R1DE01 | 6.1 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C6R1WE01 | 6.1 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R1BE01 | 6.1 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R1CE01 | 6.1 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R1DE01 | 6.1 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R1WE01 | 6.1 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C6R2BE01 | 6.2 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C6R2CE01 | 6.2 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C6R2DE01 | 6.2 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C6R2WE01 | 6.2 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R2BE01 | 6.2 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R2CE01 | 6.2 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R2DE01 | 6.2 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R2WE01 | 6.2 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C6R3BE01 | 6.3 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C6R3CE01 | 6.3 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C6R3DE01 | 6.3 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C6R3WE01 | 6.3 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R3BE01 | 6.3 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R3CE01 | 6.3 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R3DE01 | 6.3 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1E6R3WE01 | 6.3 pF                | 25Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C6R4BE01 | 6.4 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1C6R4CE01 | 6.4 pF                | 16Vdc             | C0G (EIA)                   | 080804 (0201M)      | 0.138            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM015C1         |                       |                   |                             |                     |                  |                       |             |                                    |





| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0115C1C200JE01 | 20 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 30 GHz                   |
| GRM0115C1E200GE01 | 20 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 30 GHz                   |
| GRM0115C1E200JE01 | 20 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 30 GHz                   |
| GRM0115C1C220GE01 | 22 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 30 GHz                   |
| GRM0115C1C220JE01 | 22 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 30 GHz                   |
| GRM0115C1E220GE01 | 22 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 30 GHz                   |
| GRM0115C1E220JE01 | 22 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 30 GHz                   |
| GRM0115C1C240GE01 | 24 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1C240JE01 | 24 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1E240GE01 | 24 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1E240JE01 | 24 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1C270GE01 | 27 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1C270JE01 | 27 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1E270GE01 | 27 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1E270JE01 | 27 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1C300GE01 | 30 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1C300JE01 | 30 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1E300GE01 | 30 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1E300JE01 | 30 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1C330GE01 | 33 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1C330JE01 | 33 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1E330GE01 | 33 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1E330JE01 | 33 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1C360GE01 | 36 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1C360JE01 | 36 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1E360GE01 | 36 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1E360JE01 | 36 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1C390GE01 | 39 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1C390JE01 | 39 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1E390GE01 | 39 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1E390JE01 | 39 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1C430GE01 | 43 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1C430JE01 | 43 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1E430GE01 | 43 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1E430JE01 | 43 pF                 | 25Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1C470GE01 | 47 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0115C1C470JE01 | 47 pF                 | 16Vdc             | COG (EIA)                   | 080804 (0201M)      | 0.138           | ± 5%                  | Ultra-small |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM011R60G473KE01 | 47000 pF              | 4Vdc              | X5R (EIA)                   | 080804 (0201M)        | 0.138           | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM011R60G473ME01 | 47000 pF              | 4Vdc              | X5R (EIA)                   | 080804 (0201M)        | 0.138           | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM011R60J473KE01 | 47000 pF              | 6.3Vdc            | X5R (EIA)                   | 080804 (0201M)        | 0.138           | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM011R60J473ME01 | 47000 pF              | 6.3Vdc            | X5R (EIA)                   | 080804 (0201M)        | 0.138           | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM011C80E104ME01 | 100000 pF             | 2.5Vdc            | X6S (EIA)                   | 080804 (0201M)        | 0.138           | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM011R60G104ME01 | 100000 pF             | 4Vdc              | X5R (EIA)                   | 080804 (0201M)        | 0.138           | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM011R60J104ME01 | 100000 pF             | 6.3Vdc            | X5R (EIA)                   | 080804 (0201M)        | 0.138           | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM0224C1CR20BA03 | 0.2 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1CR20WA03 | 0.2 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1ER20BA03 | 0.2 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1ER20WA03 | 0.2 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1HR20BA03 | 0.2 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1HR20WA03 | 0.2 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1CR20BA03 | 0.2 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1CR20WA03 | 0.2 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1ER20BA03 | 0.2 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1ER20WA03 | 0.2 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1HR20BA03 | 0.2 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1HR20WA03 | 0.2 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1CR30BA03 | 0.3 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1CR30WA03 | 0.3 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1ER30BA03 | 0.3 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1ER30WA03 | 0.3 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1HR30BA03 | 0.3 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1HR30WA03 | 0.3 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1CR30BA03 | 0.3 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1CR30WA03 | 0.3 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1ER30BA03 | 0.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1ER30WA03 | 0.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1HR30BA03 | 0.3 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1HR30WA03 | 0.3 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1CR40BA03 | 0.4 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1CR40WA03 | 0.4 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1ER40BA03 | 0.4 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1ER40WA03 | 0.4 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1HR40BA03 | 0.4 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1HR40WA03 | 0.4 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)         | 0.22            |                       |             |                                    |

| Part Number        | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|--------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0225C1E1R0WA03  | 1 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H1R0BA03  | 1 pF                  | 50Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H1R0CA03  | 1 pF                  | 50Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1G1R10WA03 | 1 pF                  | 50Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1G1R1BA03  | 1.1 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1G1R1CA03  | 1.1 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1G1R1WA03  | 1.1 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1E1R1BA03  | 1.1 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1E1R1CA03  | 1.1 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1H1R1BA03  | 1.1 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1H1R1CA03  | 1.1 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1H1R1WA03  | 1.1 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1G1R1BA03  | 1.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1G1R1CA03  | 1.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1G1R1WA03  | 1.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E1R1BA03  | 1.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E1R1CA03  | 1.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E1R1WA03  | 1.1 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H1R1BA03  | 1.1 pF                | 50Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H1R1CA03  | 1.1 pF                | 50Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H1R1WA03  | 1.1 pF                | 50Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1G1R2BA03  | 1.2 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1G1R2CA03  | 1.2 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1G1R2WA03  | 1.2 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1E1R2BA03  | 1.2 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1E1R2CA03  | 1.2 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1E1R2WA03  | 1.2 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1H1R2BA03  | 1.2 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1H1R2CA03  | 1.2 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0224C1H1R2WA03  | 1.2 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1G1R2BA03  | 1.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1G1R2CA03  | 1.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1G1R2WA03  | 1.2 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E1R2BA03  | 1.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E1R2CA03  | 1.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E1R2WA03  | 1.2 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H1R2BA03  | 1.2 pF                | 50Vdc             | C0G (EIA)                   |                     |                 |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max) | Capacitance Tolerance | Type        | Frequency Range<br>(Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|------------------------|--------------------|-----------------------|-------------|---------------------------------------|
| GRM0224C1E1R7WA03 | 1.7 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1H1R7BA03 | 1.7 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1H1R7CA03 | 1.7 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1H1R7WA03 | 1.7 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1C1R7BA03 | 1.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1C1R7CA03 | 1.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1C1R7WA03 | 1.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1E1R7BA03 | 1.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1E1R7CA03 | 1.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1H1R7BA03 | 1.7 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1H1R7CA03 | 1.7 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1H1R7WA03 | 1.7 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1C1R8BA03 | 1.8 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1C1R8CA03 | 1.8 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1C1R8WA03 | 1.8 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1E1R8BA03 | 1.8 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1E1R8CA03 | 1.8 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1H1R8BA03 | 1.8 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1H1R8CA03 | 1.8 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1H1R8WA03 | 1.8 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1C1R8BA03 | 1.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1C1R8CA03 | 1.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1C1R8WA03 | 1.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1E1R8BA03 | 1.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1E1R8CA03 | 1.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1E1R8WA03 | 1.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1H1R8BA03 | 1.8 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1H1R8CA03 | 1.8 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1H1R8WA03 | 1.8 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)          | 0.22               | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1C1R9BA03 | 1.9 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1C1R9CA03 | 1.9 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1C1R9WA03 | 1.9 pF                | 16Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1E1R9BA03 | 1.9 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1E1R9CA03 | 1.9 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1E1R9WA03 | 1.9 pF                | 25Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1H1R9BA03 | 1.9 pF                | 50Vdc             | CK (JIS)                    | 01005 (0402M)          | 0.22               | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0224C1H1R9CA03 | 1.9 pF                | 50Vdc             |                             |                        |                    |                       |             |                                       |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0225C1E2R3WA03 | 2.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H2R3BA03 | 2.3 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H2R3CA03 | 2.3 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H2R3WA03 | 2.3 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1C2R4BA03 | 2.4 pF                | 16Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1C2R4CA03 | 2.4 pF                | 16Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1C2R4WA03 | 2.4 pF                | 16Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E2R4BA03 | 2.4 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E2R4CA03 | 2.4 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E2R4WA03 | 2.4 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H2R4BA03 | 2.4 pF                | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H2R4CA03 | 2.4 pF                | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H2R4WA03 | 2.4 pF                | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C2R4BA03 | 2.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C2R4CA03 | 2.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C2R4WA03 | 2.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E2R4BA03 | 2.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E2R4CA03 | 2.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E2R4WA03 | 2.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H2R4BA03 | 2.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H2R4CA03 | 2.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H2R4WA03 | 2.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C2R5BA03 | 2.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C2R5CA03 | 2.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C2R5WA03 | 2.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E2R5BA03 | 2.5 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E2R5CA03 | 2.5 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E2R5WA03 | 2.5 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H2R5BA03 | 2.5 pF                | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H2R5CA03 | 2.5 pF                | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H2R5WA03 | 2.5 pF                | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C2R5BA03 | 2.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C2R5CA03 | 2.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C2R5WA03 | 2.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E2R5BA03 | 2.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E2R5CA03 | 2.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E2R5WA03 | 2.5 pF                | 25Vdc             |                             |                     |                 |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0223C1E3ROWA03 | 3 pF                  | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H3ROBA03 | 3 pF                  | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H3ROCA03 | 3 pF                  | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H3ROWA03 | 3 pF                  | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C3ROBA03 | 3 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C3ROCA03 | 3 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C3ROWA03 | 3 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E3ROBA03 | 3 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E3ROCA03 | 3 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E3ROWA03 | 3 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H3ROBA03 | 3 pF                  | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H3ROCA03 | 3 pF                  | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H3ROWA03 | 3 pF                  | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1C3R1BA03 | 3.1 pF                | 16Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1C3R1CA03 | 3.1 pF                | 16Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1C3R1WA03 | 3.1 pF                | 16Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E3R1BA03 | 3.1 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E3R1CA03 | 3.1 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E3R1WA03 | 3.1 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H3R1BA03 | 3.1 pF                | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H3R1CA03 | 3.1 pF                | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H3R1WA03 | 3.1 pF                | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C3R1BA03 | 3.1 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C3R1CA03 | 3.1 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C3R1WA03 | 3.1 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E3R1BA03 | 3.1 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E3R1CA03 | 3.1 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E3R1WA03 | 3.1 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H3R1BA03 | 3.1 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H3R1CA03 | 3.1 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H3R1WA03 | 3.1 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1C3R2BA03 | 3.2 pF                | 16Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1C3R2CA03 | 3.2 pF                | 16Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1C3R2WA03 | 3.2 pF                | 16Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E3R2BA03 | 3.2 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E3R2CA03 | 3.2 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E3R2WA03 | 3.2 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05p                |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0225C1E3R6WA03 | 3.6 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H3R6BA03 | 3.6 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H3R6CA03 | 3.6 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H3R6WA03 | 3.6 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1C3R7BA03 | 3.7 pF                | 16Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1C3R7CA03 | 3.7 pF                | 16Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1C3R7WA03 | 3.7 pF                | 16Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E3R7BA03 | 3.7 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E3R7CA03 | 3.7 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E3R7WA03 | 3.7 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H3R7BA03 | 3.7 pF                | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H3R7CA03 | 3.7 pF                | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H3R7WA03 | 3.7 pF                | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C3R7BA03 | 3.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C3R7CA03 | 3.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C3R7WA03 | 3.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E3R7BA03 | 3.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E3R7CA03 | 3.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E3R7WA03 | 3.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H3R7BA03 | 3.7 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H3R7CA03 | 3.7 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H3R7WA03 | 3.7 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C3R8BA03 | 3.8 pF                | 16Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1C3R8CA03 | 3.8 pF                | 16Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1C3R8WA03 | 3.8 pF                | 16Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E3R8BA03 | 3.8 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E3R8CA03 | 3.8 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1E3R8WA03 | 3.8 pF                | 25Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H3R8BA03 | 3.8 pF                | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H3R8CA03 | 3.8 pF                | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0223C1H3R8WA03 | 3.8 pF                | 50Vdc             | CJ (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C3R8BA03 | 3.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C3R8CA03 | 3.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C3R8WA03 | 3.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E3R8BA03 | 3.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E3R8CA03 | 3.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E3R8WA03 | 3.8 pF                | 25Vdc             | CO                          |                     |                 |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM0222C1E4R3WA03 | 4.3 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H4R3BA03 | 4.3 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H4R3CA03 | 4.3 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H4R3WA03 | 4.3 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R3BA03 | 4.3 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R3CA03 | 4.3 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R3WA03 | 4.3 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R3BA03 | 4.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R3CA03 | 4.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R3WA03 | 4.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R3BA03 | 4.3 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R3CA03 | 4.3 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R3WA03 | 4.3 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R4BA03 | 4.4 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R4CA03 | 4.4 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R4WA03 | 4.4 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R4BA03 | 4.4 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R4CA03 | 4.4 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R4WA03 | 4.4 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R4BA03 | 4.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R4CA03 | 4.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R4WA03 | 4.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R4BA03 | 4.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R4CA03 | 4.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R4WA03 | 4.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R4BA03 | 4.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R4CA03 | 4.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R4WA03 | 4.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R5BA03 | 4.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R5CA03 | 4.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R5WA03 | 4.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R5BA03 | 4.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R5CA03 | 4.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R5WA03 | 4.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R5BA03 | 4.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R5CA03 | 4.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R5WA03 | 4.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R5BA03 | 4.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R5CA03 | 4.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R5WA03 | 4.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R5BA03 | 4.5 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R5CA03 | 4.5 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R5WA03 | 4.5 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R6BA03 | 4.6 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R6CA03 | 4.6 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R6WA03 | 4.6 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R6BA03 | 4.6 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R6CA03 | 4.6 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R6WA03 | 4.6 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H4R6BA03 | 4.6 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H4R6CA03 | 4.6 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H4R6WA03 | 4.6 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R6BA03 | 4.6 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R6CA03 | 4.6 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R6WA03 | 4.6 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R6BA03 | 4.6 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R6CA03 | 4.6 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R6WA03 | 4.6 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R6BA03 | 4.6 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R6CA03 | 4.6 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R6WA03 | 4.6 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R7BA03 | 4.7 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R7CA03 | 4.7 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R7WA03 | 4.7 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R7BA03 | 4.7 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R7CA03 | 4.7 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R7WA03 | 4.7 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H4R7BA03 | 4.7 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H4R7CA03 | 4.7 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H4R7WA03 | 4.7 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R7BA03 | 4.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R7CA03 | 4.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R7WA03 | 4.7 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R7BA03 | 4.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R7CA03 | 4.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R7WA03 | 4.7 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R7BA03 | 4.7 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R7CA03 | 4.7 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R7WA03 | 4.7 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R8BA03 | 4.8 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R8CA03 | 4.8 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R8WA03 | 4.8 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R8BA03 | 4.8 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R8CA03 | 4.8 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R8WA03 | 4.8 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R8BA03 | 4.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R8CA03 | 4.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R8WA03 | 4.8 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R8BA03 | 4.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R8CA03 | 4.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R8WA03 | 4.8 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R8BA03 | 4.8 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R8CA03 | 4.8 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R8WA03 | 4.8 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R9BA03 | 4.9 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R9CA03 | 4.9 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C4R9WA03 | 4.9 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R9BA03 | 4.9 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R9CA03 | 4.9 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E4R9WA03 | 4.9 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R9BA03 | 4.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R9CA03 | 4.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C4R9WA03 | 4.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R9BA03 | 4.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R9CA03 | 4.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.250F               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E4R9WA03 | 4.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.050F               | Ultra-small | 100 MHz ~ 30 GHz                   |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM0225C1E4R9WA03 | 4.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R9BA03 | 4.9 pF                | 50Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R9CA03 | 4.9 pF                | 50Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H4R9WA03 | 4.9 pF                | 50Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C5R0BA03 | 5 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C5R0CA03 | 5 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C5R0WA03 | 5 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E5R0BA03 | 5 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E5R0CA03 | 5 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E5R0WA03 | 5 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H5R0BA03 | 5 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H5R0CA03 | 5 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H5R0WA03 | 5 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C5R0BA03 | 5 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C5R0CA03 | 5 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C5R0WA03 | 5 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E5R0BA03 | 5 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E5R0CA03 | 5 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E5R0WA03 | 5 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H5R0BA03 | 5 pF                  | 50Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H5R0CA03 | 5 pF                  | 50Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H5R0WA03 | 5 pF                  | 50Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C5R1BA03 | 5.1 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C5R1CA03 | 5.1 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C5R1DA03 | 5.1 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C5R1WA03 | 5.1 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E5R1BA03 | 5.1 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E5R1CA03 | 5.1 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E5R1DA03 | 5.1 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E5R1WA03 | 5.1 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H5R1BA03 | 5.1 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H5R1CA03 | 5.1 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H5R1DA03 | 5.1 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H5R1WA03 | 5.1 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C5R1BA03 | 5.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C5R1CA03 | 5.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C5R1DA03 | 5.1 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5                  |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM0225C1C5R4WA03 | 5.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C5R5BA03 | 5.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C5R5CA03 | 5.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C5R5DA03 | 5.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C5R9WA03 | 5.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E5R5BA03 | 5.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E5R5CA03 | 5.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E5R5DA03 | 5.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E5R9WA03 | 5.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H5R5BA03 | 5.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H5R5CA03 | 5.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H5R5DA03 | 5.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H5R9WA03 | 5.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C5R5BA03 | 5.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C5R5CA03 | 5.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C5R5DA03 | 5.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C5R9WA03 | 5.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E5R5BA03 | 5.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E5R5CA03 | 5.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E5R5DA03 | 5.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E5R9WA03 | 5.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H5R5BA03 | 5.5 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H5R5CA03 | 5.5 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H5R5DA03 | 5.5 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H5R9WA03 | 5.5 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C5R6BA03 | 5.6 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C5R6CA03 | 5.6 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C5R6DA03 | 5.6 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C5R9WA03 | 5.6 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E5R6BA03 | 5.6 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E5R6CA03 | 5.6 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E5R6DA03 | 5.6 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E5R9WA03 | 5.6 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H5R6BA03 | 5.6 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H5R6CA03 | 5.6 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H5R6DA03 | 5.6 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H5R9WA03 | 5.6 pF                | 50Vdc             | CH (JIS)                    | 01                  |                  |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0225C1H5R9BA03 | 5.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H5R9CA03 | 5.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H5R9DA03 | 5.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H5R9WA03 | 5.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R0BA03 | 6 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R0CA03 | 6 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R0DA03 | 6 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R0WA03 | 6 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E6R0BA03 | 6 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E6R0CA03 | 6 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E6R0DA03 | 6 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E6R0WA03 | 6 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H6R0BA03 | 6 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H6R0CA03 | 6 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H6R0DA03 | 6 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C6R0BA03 | 6 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C6R0CA03 | 6 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C6R0DA03 | 6 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C6R0WA03 | 6 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E6R0BA03 | 6 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E6R0CA03 | 6 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E6R0DA03 | 6 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E6R0WA03 | 6 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R0BA03 | 6 pF                  | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R0CA03 | 6 pF                  | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R0DA03 | 6 pF                  | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R0WA03 | 6 pF                  | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R1BA03 | 6.1 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R1CA03 | 6.1 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R1DA03 | 6.1 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R1WA03 | 6.1 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E6R1BA03 | 6.1 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E6R1CA03 | 6.1 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E6R1DA03 | 6.1 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E6R1WA03 | 6.1 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H6R1BA03 | 6.1 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H6R1CA03 | 6.1 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100                                |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0225C1E6R4CA03 | 8.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25F                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E6R4DA03 | 8.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E6R4BA03 | 8.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R4BA03 | 8.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R4CA03 | 8.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R4DA03 | 8.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R4WA03 | 8.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R5BA03 | 6.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R5CA03 | 6.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R5DA03 | 6.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R5WA03 | 6.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E6R5BA03 | 6.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E6R5CA03 | 6.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E6R5DA03 | 6.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E6R5WA03 | 6.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H6R5BA03 | 6.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H6R5CA03 | 6.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H6R5DA03 | 6.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H6R5WA03 | 6.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C6R5BA03 | 6.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C6R5CA03 | 6.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C6R5DA03 | 6.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C6R5WA03 | 6.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E6R5BA03 | 6.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E6R5CA03 | 6.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E6R5DA03 | 6.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E6R5WA03 | 6.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R5BA03 | 6.5 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R5CA03 | 6.5 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R5DA03 | 6.5 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R5WA03 | 6.5 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R6BA03 | 6.6 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R6CA03 | 6.6 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R6DA03 | 6.6 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C6R6WA03 | 6.6 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E6R6BA03 | 6.6 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E6R6CA03 | 6.6 pF                | 25Vdc             | CH (JIS)                    |                     |                 |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM0225C1C6R9DA03 | 6.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C6R9WA03 | 6.9 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E6R9BA03 | 6.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E6R9CA03 | 6.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E6R9DA03 | 6.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E6R9WA03 | 6.9 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R9BA03 | 6.9 pF                | 50Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R9CA03 | 6.9 pF                | 50Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R9DA03 | 6.9 pF                | 50Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H6R9WA03 | 6.9 pF                | 50Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1G7R0BA03 | 7 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1G7R0CA03 | 7 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1G7R0DA03 | 7 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1G7R0WA03 | 7 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E7R0BA03 | 7 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E7R0CA03 | 7 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E7R0DA03 | 7 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E7R0WA03 | 7 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H7R0BA03 | 7 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H7R0CA03 | 7 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H7R0DA03 | 7 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H7R0WA03 | 7 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1G7R0BA03 | 7 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1G7R0CA03 | 7 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1G7R0DA03 | 7 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1G7R0WA03 | 7 pF                  | 16Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R0BA03 | 7 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R0CA03 | 7 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R0DA03 | 7 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R0WA03 | 7 pF                  | 25Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R0BA03 | 7 pF                  | 50Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R0CA03 | 7 pF                  | 50Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R0DA03 | 7 pF                  | 50Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R0WA03 | 7 pF                  | 50Vdc             | C0G (EIA)                   | 01005 (0402M)       | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C7R1BA03 | 7.1 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C7R1CA03 | 7.1 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C7R1DA03 | 7.1 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22             | ±0.5pF                | Ultra-small |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0222C1H7R4WA03 | 7.4 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C7R4BA03 | 7.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C7R4CA03 | 7.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C7R4DA03 | 7.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C7R4WA03 | 7.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R4BA03 | 7.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R4CA03 | 7.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R4DA03 | 7.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R4WA03 | 7.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R4BA03 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R4CA03 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R4DA03 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R4WA03 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C7R5BA03 | 7.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C7R5CA03 | 7.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C7R5DA03 | 7.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C7R5WA03 | 7.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E7R5BA03 | 7.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E7R5CA03 | 7.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E7R5DA03 | 7.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E7R5WA03 | 7.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H7R5BA03 | 7.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H7R5CA03 | 7.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H7R5DA03 | 7.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H7R5WA03 | 7.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C7R5BA03 | 7.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C7R5CA03 | 7.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C7R5DA03 | 7.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C7R5WA03 | 7.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R5BA03 | 7.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R5CA03 | 7.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R5DA03 | 7.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R5WA03 | 7.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R5BA03 | 7.5 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R5CA03 | 7.5 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R5DA03 | 7.5 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R5WA03 | 7.5 pF                | 50Vdc             | COG                         |                     |                 |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM0222C1H7R9BA03 | 7.9 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H7R9CA03 | 7.9 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H7R9DA03 | 7.9 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H7R9WA03 | 7.9 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C7R9BA03 | 7.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C7R9CA03 | 7.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C7R9DA03 | 7.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C7R9WA03 | 7.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R9BA03 | 7.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R9CA03 | 7.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R9DA03 | 7.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E7R9WA03 | 7.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R9BA03 | 7.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R9CA03 | 7.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R9DA03 | 7.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H7R9WA03 | 7.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R0BA03 | 8 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R0CA03 | 8 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R0DA03 | 8 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R0WA03 | 8 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R0BA03 | 8 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R0CA03 | 8 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R0DA03 | 8 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R0WA03 | 8 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R0BA03 | 8 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R0CA03 | 8 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R0DA03 | 8 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R0WA03 | 8 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R0BA03 | 8 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R0CA03 | 8 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R0DA03 | 8 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R0WA03 | 8 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R0BA03 | 8 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R0CA03 | 8 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R0DA03 | 8 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R0WA03 | 8 pF                  | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R0BA03 | 8 pF                  | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R0CA03 | 8 pF                  | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R0DA03 | 8 pF                  | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R0WA03 | 8 pF                  | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R2BA03 | 8.2 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R2CA03 | 8.2 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R2DA03 | 8.2 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R2WA03 | 8.2 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R2BA03 | 8.2 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R2CA03 | 8.2 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R2DA03 | 8.2 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R2WA03 | 8.2 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R2BA03 | 8.2 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R2CA03 | 8.2 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R2DA03 | 8.2 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R2WA03 | 8.2 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R2BA03 | 8.2 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R2CA03 | 8.2 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R2DA03 | 8.2 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R2WA03 | 8.2 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R2BA03 | 8.2 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R2CA03 | 8.2 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R2DA03 | 8.2 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R2WA03 | 8.2 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R2BA03 | 8.2 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R2CA03 | 8.2 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R2DA03 | 8.2 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R2WA03 | 8.2 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R3BA03 | 8.3 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R3CA03 | 8.3 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R3DA03 | 8.3 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R3WA03 | 8.3 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R3BA03 | 8.3 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R3CA03 | 8.3 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R3DA03 | 8.3 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R3WA03 | 8.3 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R3BA03 | 8.3 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R3CA03 | 8.3 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R3DA03 | 8.3 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R3WA03 | 8.3 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R3BA03 | 8.3 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R3CA03 | 8.3 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R3DA03 | 8.3 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R3WA03 | 8.3 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R3BA03 | 8.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R3CA03 | 8.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R3DA03 | 8.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R3WA03 | 8.3 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R3BA03 | 8.3 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R3CA03 | 8.3 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R3DA03 | 8.3 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R3WA03 | 8.3 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R4BA03 | 8.4 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R4CA03 | 8.4 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R4DA03 | 8.4 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R4WA03 | 8.4 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0222C1E8R4CA03 | 8.4 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R4DA03 | 8.4 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R4WA03 | 8.4 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R4BA03 | 8.4 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R4CA03 | 8.4 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R4DA03 | 8.4 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R4WA03 | 8.4 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R4BA03 | 8.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R4CA03 | 8.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R4DA03 | 8.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R4WA03 | 8.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R4BA03 | 8.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R4CA03 | 8.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R4DA03 | 8.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R4WA03 | 8.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R4BA03 | 8.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R4CA03 | 8.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R4DA03 | 8.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R4WA03 | 8.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R5BA03 | 8.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R5CA03 | 8.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R5DA03 | 8.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R5WA03 | 8.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R5BA03 | 8.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R5CA03 | 8.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R5DA03 | 8.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R5WA03 | 8.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R5BA03 | 8.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R5CA03 | 8.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R5DA03 | 8.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R5WA03 | 8.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R5BA03 | 8.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R5CA03 | 8.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R5DA03 | 8.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R5WA03 | 8.5 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R5BA03 | 8.5 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R5CA03 | 8.5 pF                | 25Vdc             | COG (EIA)                   |                     |                 |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0222C1C8R9DA03 | 8.9 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C8R9WA03 | 8.9 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R9BA03 | 8.9 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R9CA03 | 8.9 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R9DA03 | 8.9 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E8R9WA03 | 8.9 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R9BA03 | 8.9 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R9CA03 | 8.9 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R9DA03 | 8.9 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H8R9WA03 | 8.9 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R9BA03 | 8.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R9CA03 | 8.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R9DA03 | 8.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C8R9WA03 | 8.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R9BA03 | 8.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R9CA03 | 8.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R9DA03 | 8.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E8R9WA03 | 8.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R9BA03 | 8.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R9CA03 | 8.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R9DA03 | 8.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H8R9WA03 | 8.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C9R0BA03 | 9 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C9R0CA03 | 9 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C9R0DA03 | 9 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C9R0WA03 | 9 pF                  | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R0BA03 | 9 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R0CA03 | 9 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R0DA03 | 9 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R0WA03 | 9 pF                  | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R0BA03 | 9 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R0CA03 | 9 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R0DA03 | 9 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R0WA03 | 9 pF                  | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C9R0BA03 | 9 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C9R0CA03 | 9 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C9R0DA03 | 9 pF                  | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF                |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-------------|-------------|------------------------------------|
| GRM0222C1H9R3WA03 | 9.3 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R4BA03 | 9.4 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C9R4CA03 | 9.4 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C9R4DA03 | 9.4 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C9R4WA03 | 9.4 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R4BA03 | 9.4 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R4CA03 | 9.4 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R4DA03 | 9.4 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R4WA03 | 9.4 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R4BA03 | 9.4 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R4CA03 | 9.4 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R4DA03 | 9.4 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R4WA03 | 9.4 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C9R4BA03 | 9.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C9R4CA03 | 9.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C9R4DA03 | 9.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C9R4WA03 | 9.4 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E9R4BA03 | 9.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E9R4CA03 | 9.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E9R4DA03 | 9.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E9R4WA03 | 9.4 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H9R4BA03 | 9.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.1pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H9R4CA03 | 9.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.25pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H9R4DA03 | 9.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.5pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H9R4WA03 | 9.4 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)       | 0.22            | ±0.05pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C9R5BA03 | 9.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C9R5CA03 | 9.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C9R5DA03 | 9.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C9R5WA03 | 9.5 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R5BA03 | 9.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R5CA03 | 9.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R5DA03 | 9.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R5WA03 | 9.5 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.05pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R5BA03 | 9.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.1pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R5CA03 | 9.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.25pF     | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R5DA03 | 9.5 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)       | 0.22            | ±0.5pF      | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R5WA03 | 9.5 pF                | 50Vdc             | CH (JIS)                    | 01005               |                 |             |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0225C1H9R8BA03 | 9.8 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H9R8CA03 | 9.8 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H9R8DA03 | 9.8 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H9R8WA03 | 9.8 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C9R9BA03 | 9.9 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C9R9CA03 | 9.9 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C9R9DA03 | 9.9 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C9R9WA03 | 9.9 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R9BA03 | 9.9 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R9CA03 | 9.9 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R9DA03 | 9.9 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E9R9WA03 | 9.9 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R9BA03 | 9.9 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R9CA03 | 9.9 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R9DA03 | 9.9 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H9R9WA03 | 9.9 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C9R9BA03 | 9.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C9R9CA03 | 9.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C9R9DA03 | 9.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C9R9WA03 | 9.9 pF                | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E9R9BA03 | 9.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E9R9CA03 | 9.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E9R9DA03 | 9.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E9R9WA03 | 9.9 pF                | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H9R9BA03 | 9.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.1pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H9R9CA03 | 9.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.25pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H9R9DA03 | 9.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.5pF                | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1H9R9WA03 | 9.9 pF                | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±0.05pF               | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C100GA03 | 10 pF                 | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1C100JA03 | 10 pF                 | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E100GA03 | 10 pF                 | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1E100JA03 | 10 pF                 | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0222C1H100GA03 | 10 pF                 | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C100FA03 | 10 pF                 | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±1%                   | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C100GA03 | 10 pF                 | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1C100JA03 | 10 pF                 | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz ~ 30 GHz                   |
| GRM0225C1E100GA03 | 10 pF                 | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small |                                    |

| Part Number        | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>(inch/mm) | T size<br>(mm Max.) | Capacitance<br>Tolerance | Type        | Frequency Range<br>(simulation model) |
|--------------------|--------------------------|----------------------|--------------------------------|------------------------|---------------------|--------------------------|-------------|---------------------------------------|
| GRM0222C1H200GA02  | 20 pF                    | 50Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0222C1H200JA02  | 20 pF                    | 50Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1C2000GA02 | 20 pF                    | 16Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1C200JA02  | 20 pF                    | 16Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1E2000GA02 | 20 pF                    | 25Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1E200JA02  | 20 pF                    | 25Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1H2000GA02 | 20 pF                    | 50Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1H200JA02  | 20 pF                    | 50Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0222C1C2200GA02 | 22 pF                    | 16Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0222C1C220JA02  | 22 pF                    | 16Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0222C1E2200GA02 | 22 pF                    | 25Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0222C1E220JA02  | 22 pF                    | 25Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0222C1H2200GA02 | 22 pF                    | 50Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0222C1H220JA02  | 22 pF                    | 50Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1C2200GA02 | 22 pF                    | 16Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1C220JA02  | 22 pF                    | 16Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1E2200GA02 | 22 pF                    | 25Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1E220JA02  | 22 pF                    | 25Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1H2200GA02 | 22 pF                    | 50Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0225C1H220JA02  | 22 pF                    | 50Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 30 GHz                      |
| GRM0222C1C2400GA02 | 24 pF                    | 16Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0222C1C240JA02  | 24 pF                    | 16Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0222C1E2400GA02 | 24 pF                    | 25Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0222C1E240JA02  | 24 pF                    | 25Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0222C1H2400GA02 | 24 pF                    | 50Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0222C1H240JA02  | 24 pF                    | 50Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0225C1C2400GA02 | 24 pF                    | 16Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0225C1C240JA02  | 24 pF                    | 16Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0225C1E2400GA02 | 24 pF                    | 25Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0225C1E240JA02  | 24 pF                    | 25Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0225C1H2400GA02 | 24 pF                    | 50Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0225C1H240JA02  | 24 pF                    | 50Vdc                | COG (EIA)                      | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0222C1C2700GA02 | 27 pF                    | 16Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0222C1C270JA02  | 27 pF                    | 16Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0222C1E2700GA02 | 27 pF                    | 25Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0222C1E270JA02  | 27 pF                    | 25Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 5%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0222C1H2700GA02 | 27 pF                    | 50Vdc                | CH (JIS)                       | 01005 (0402mm)         | 0.22                | ± 2%                     | Ultra-small | 100 MHz ~ 8.5 GHz                     |
| GRM0222C1H270JA02  | 27 pF                    | 50Vdc                | CH (JIS)                       | 01005                  |                     |                          |             |                                       |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0222C0J510JA02 | 51 pF                 | 6.3Vdc            | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1A510GA02 | 51 pF                 | 10Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1A510JA02 | 51 pF                 | 10Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1C510GA02 | 51 pF                 | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1C510JA02 | 51 pF                 | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1E510GA02 | 51 pF                 | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1E510JA02 | 51 pF                 | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1H510GA02 | 51 pF                 | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222G1H510JA02 | 51 pF                 | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C0J510GA02 | 51 pF                 | 6.3Vdc            | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C0J510JA02 | 51 pF                 | 6.3Vdc            | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1A510GA02 | 51 pF                 | 10Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1A510JA02 | 51 pF                 | 10Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1C510GA02 | 51 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1C510JA02 | 51 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1E510GA02 | 51 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1E510JA02 | 51 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1H510GA02 | 51 pF                 | 50Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1H510JA02 | 51 pF                 | 50Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C0J560GA02 | 56 pF                 | 6.3Vdc            | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C0J560JA02 | 56 pF                 | 6.3Vdc            | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1A560GA02 | 56 pF                 | 10Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1A560JA02 | 56 pF                 | 10Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1C560GA02 | 56 pF                 | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1C560JA02 | 56 pF                 | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1E560GA02 | 56 pF                 | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1E560JA02 | 56 pF                 | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1H560GA02 | 56 pF                 | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1H560JA02 | 56 pF                 | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C0J560GA02 | 56 pF                 | 6.3Vdc            | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C0J560JA02 | 56 pF                 | 6.3Vdc            | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1A560GA02 | 56 pF                 | 10Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1A560JA02 | 56 pF                 | 10Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1C560GA02 | 56 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1C560JA02 | 56 pF                 | 16Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1E560GA02 | 56 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1E560JA02 | 56 pF                 | 25Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±5%                   | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1H560GA02 | 56 pF                 | 50Vdc             | C0G (EIA)                   | 01005 (0402M)         | 0.22            | ±2%                   | Ultra-small | 100 MHz - 8                        |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (Simulation Model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM0225C1A820GA02 | 82 pF                 | 10Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1A820JA02 | 82 pF                 | 10Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1C820CA02 | 82 pF                 | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1C820JA02 | 82 pF                 | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1E820CA02 | 82 pF                 | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1E820JA02 | 82 pF                 | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1H820GA02 | 82 pF                 | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1H820JA02 | 82 pF                 | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C0J910GA02 | 91 pF                 | 6.3Vdc            | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C0J910JA02 | 91 pF                 | 6.3Vdc            | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1A910GA02 | 91 pF                 | 10Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1A910JA02 | 91 pF                 | 10Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1C910GA02 | 91 pF                 | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1C910JA02 | 91 pF                 | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1E910GA02 | 91 pF                 | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1E910JA02 | 91 pF                 | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1H910GA02 | 91 pF                 | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1H910JA02 | 91 pF                 | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C0J910GA02 | 91 pF                 | 6.3Vdc            | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C0J910JA02 | 91 pF                 | 6.3Vdc            | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1A910GA02 | 91 pF                 | 10Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1A910JA02 | 91 pF                 | 10Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1C910GA02 | 91 pF                 | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1C910JA02 | 91 pF                 | 16Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1E910GA02 | 91 pF                 | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1E910JA02 | 91 pF                 | 25Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1H910GA02 | 91 pF                 | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0225C1H910JA02 | 91 pF                 | 50Vdc             | COG (EIA)                   | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C0J101GA02 | 100 pF                | 6.3Vdc            | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C0J101JA02 | 100 pF                | 6.3Vdc            | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1A101GA02 | 100 pF                | 10Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1A101JA02 | 100 pF                | 10Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1C101GA02 | 100 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1C101JA02 | 100 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1E101GA02 | 100 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1E101JA02 | 100 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 5%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1H101GA02 | 100 pF                | 50Vdc             | CH (JIS)                    | 01005 (0402M)         | 0.22             | ± 2%                  | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0222C1H101JA02 | 100 pF                | 50Vdc             | CH (JIS)                    |                       |                  |                       |             |                                    |

| Part Number         | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (Simulation Model) |
|---------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0222C0J221JA02   | 220 pF                | 6.3Vdc            | CH (JIS)                    | 01005 (0402mm)        | 0.22            | ±5%                   | Ultra-small | 100 MHz ~ 8.5 GHz                  |
| GRM0222C1A221GA02   | 220 pF                | 10Vdc             | CH (JIS)                    | 01005 (0402mm)        | 0.22            | ±2%                   | Ultra-small | 100 MHz ~ 8.5 GHz                  |
| GRM0222C1A221JA02   | 220 pF                | 10Vdc             | CH (JIS)                    | 01005 (0402mm)        | 0.22            | ±5%                   | Ultra-small | 100 MHz ~ 8.5 GHz                  |
| GRM0222C1C221GA02   | 220 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402mm)        | 0.22            | ±2%                   | Ultra-small | 100 MHz ~ 8.5 GHz                  |
| GRM0222C1C221JA02   | 220 pF                | 16Vdc             | CH (JIS)                    | 01005 (0402mm)        | 0.22            | ±5%                   | Ultra-small | 100 MHz ~ 8.5 GHz                  |
| GRM0222C1E221GA02   | 220 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402mm)        | 0.22            | ±2%                   | Ultra-small | 100 MHz ~ 8.5 GHz                  |
| GRM0222C1E221JA02   | 220 pF                | 25Vdc             | CH (JIS)                    | 01005 (0402mm)        | 0.22            | ±5%                   | Ultra-small | 100 MHz ~ 8.5 GHz                  |
| GRM0225C0J221GA02   | 220 pF                | 6.3Vdc            | C0G (EIA)                   | 01005 (0402mm)        | 0.22            | ±2%                   | Ultra-small | 100 MHz ~ 8.5 GHz                  |
| GRM0225C0J221JA02   | 220 pF                | 6.3Vdc            | C0G (EIA)                   | 01005 (0402mm)        | 0.22            | ±5%                   | Ultra-small | 100 MHz ~ 8.5 GHz                  |
| GRM0225C1A221GA02   | 220 pF                | 10Vdc             | C0G (EIA)                   | 01005 (0402mm)        | 0.22            | ±2%                   | Ultra-small | 100 MHz ~ 8.5 GHz                  |
| GRM0225C1A221JA02   | 220 pF                | 10Vdc             | C0G (EIA)                   | 01005 (0402mm)        | 0.22            | ±5%                   | Ultra-small | 100 MHz ~ 8.5 GHz                  |
| GRM0225C1C221GA02   | 220 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402mm)        | 0.22            | ±2%                   | Ultra-small | 100 MHz ~ 8.5 GHz                  |
| GRM0225C1C221JA02   | 220 pF                | 16Vdc             | C0G (EIA)                   | 01005 (0402mm)        | 0.22            | ±5%                   | Ultra-small | 100 MHz ~ 8.5 GHz                  |
| GRM0225C1E221GA02   | 220 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402mm)        | 0.22            | ±2%                   | Ultra-small | 100 MHz ~ 8.5 GHz                  |
| GRM0225C1E221JA02   | 220 pF                | 25Vdc             | C0G (EIA)                   | 01005 (0402mm)        | 0.22            | ±5%                   | Ultra-small | 100 MHz ~ 8.5 GHz                  |
| GRM022B1A1A221KA01  | 220 pF                | 10Vdc             | B (JIS)                     | 01005 (0402mm)        | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022B1A1A221MA01  | 220 pF                | 10Vdc             | B (JIS)                     | 01005 (0402mm)        | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61A221KA01   | 220 pF                | 10Vdc             | X5R (EIA)                   | 01005 (0402mm)        | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61A221MA01   | 220 pF                | 10Vdc             | X5R (EIA)                   | 01005 (0402mm)        | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R71A221KA01   | 220 pF                | 10Vdc             | X7R (EIA)                   | 01005 (0402mm)        | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R71A221MA01   | 220 pF                | 10Vdc             | X7R (EIA)                   | 01005 (0402mm)        | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R71C221KE14   | 220 pF                | 16Vdc             | X7R (EIA)                   | 01005 (0402mm)        | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R71C221ME14   | 220 pF                | 16Vdc             | X7R (EIA)                   | 01005 (0402mm)        | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R71C271KE14   | 270 pF                | 16Vdc             | X7R (EIA)                   | 01005 (0402mm)        | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022B1A1A331KA01  | 330 pF                | 10Vdc             | B (JIS)                     | 01005 (0402mm)        | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022B1A1A331MA01  | 330 pF                | 10Vdc             | B (JIS)                     | 01005 (0402mm)        | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61A1A331KA01 | 330 pF                | 10Vdc             | X5R (EIA)                   | 01005 (0402mm)        | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61A1A331MA01 | 330 pF                | 10Vdc             | X5R (EIA)                   | 01005 (0402mm)        | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R71A1A331KA01 | 330 pF                | 10Vdc             | X7R (EIA)                   | 01005 (0402mm)        | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R71A1A331MA01 | 330 pF                | 10Vdc             | X7R (EIA)                   | 01005 (0402mm)        | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R71C331KE14   | 330 pF                | 16Vdc             | X7R (EIA)                   | 01005 (0402mm)        | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R71C331ME14   | 330 pF                | 16Vdc             | X7R (EIA)                   | 01005 (0402mm)        | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R71A391KA01   | 390 pF                | 10Vdc             | X7R (EIA)                   | 01005 (0402mm)        | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022B1A1A471KA01  | 470 pF                | 10Vdc             | B (JIS)                     | 01005 (0402mm)        | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022B1A1A471MA01  | 470 pF                | 10Vdc             | B (JIS)                     | 01005 (0402mm)        | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61A1A471KA01 | 470 pF                | 10Vdc             | X5R (EIA)                   | 01005 (0402mm)        | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61A1A471MA01 | 470 pF                | 10Vdc             | X5R (EIA)                   | 01005 (0402mm)        | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R71A1A471KA01 | 470 pF                | 10Vdc             | X7R (EIA)                   | 01005 (0402mm)        |                 |                       |             |                                    |

| Part Number        | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (simulation model) |
|--------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM022R61C472KE01  | 4700 pF               | 16Vdc             | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61C472ME01  | 4700 pF               | 16Vdc             | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61A5682KE19 | 5600 pF               | 10Vdc             | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022B30J682KE19  | 6800 pF               | 6.3Vdc            | B (JIS)                     | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022B30J682ME19  | 6800 pF               | 6.3Vdc            | B (JIS)                     | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022B31A682KE19  | 6800 pF               | 10Vdc             | B (JIS)                     | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022B31A682ME19  | 6800 pF               | 10Vdc             | B (JIS)                     | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022C71A682KE19  | 6800 pF               | 10Vdc             | X7S (EIA)                   | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022C81C682KE01  | 6800 pF               | 16Vdc             | X6S (EIA)                   | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R60J682KE19  | 6800 pF               | 6.3Vdc            | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R60J682ME19  | 6800 pF               | 6.3Vdc            | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61A682KE19  | 6800 pF               | 10Vdc             | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61A682ME19  | 6800 pF               | 10Vdc             | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61C682KE01  | 6800 pF               | 16Vdc             | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61C682ME01  | 6800 pF               | 16Vdc             | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R60J822KE19  | 8200 pF               | 6.3Vdc            | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022B30J103KE19  | 10000 pF              | 6.3Vdc            | B (JIS)                     | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022B30J103ME19  | 10000 pF              | 6.3Vdc            | B (JIS)                     | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022B31A103KE19  | 10000 pF              | 10Vdc             | B (JIS)                     | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022B31A103ME19  | 10000 pF              | 10Vdc             | B (JIS)                     | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022C71A103ME01  | 10000 pF              | 10Vdc             | X7S (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022C80G103ME01  | 10000 pF              | 4Vdc              | X6S (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022C80J103ME01  | 10000 pF              | 6.3Vdc            | X6S (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022C81A103ME01  | 10000 pF              | 10Vdc             | X6S (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022C81C103ME01  | 10000 pF              | 16Vdc             | X6S (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R60J103KE19  | 10000 pF              | 6.3Vdc            | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R60J103ME19  | 10000 pF              | 6.3Vdc            | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61A103KE19  | 10000 pF              | 10Vdc             | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61A103ME19  | 10000 pF              | 10Vdc             | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61C103KE01  | 10000 pF              | 16Vdc             | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61C103ME01  | 10000 pF              | 16Vdc             | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R61E103ME01  | 10000 pF              | 25Vdc             | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R60G153KE15  | 15000 pF              | 4Vdc              | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R60G153ME15  | 15000 pF              | 4Vdc              | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R60J153ME15  | 15000 pF              | 6.3Vdc            | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022D80G223ME01  | 22000 pF              | 4Vdc              | X6T (EIA)                   | 01005 (0402M)         | 0.22            | ±20%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R60G223KE15  | 22000 pF              | 4Vdc              | X5R (EIA)                   | 01005 (0402M)         | 0.22            | ±10%                  | Ultra-small | 100 Hz ~ 6 GHz                     |
| GRM022R60G223ME15  | 22000 pF              | 4                 |                             |                       |                 |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM0334C1ER50WA01 | 0.5 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C1HR50BA01 | 0.5 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C1HR50WA01 | 0.5 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C2AR50BA01 | 0.5 pF                | 100Vdc            | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C2AR50WA01 | 0.5 pF                | 100Vdc            | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C1ER50BA01 | 0.5 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C1ER50WA01 | 0.5 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C1HR50BA01 | 0.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C1HR50WA01 | 0.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C2AR50BA01 | 0.5 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C2AR50WA01 | 0.5 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C1ER60BA01 | 0.6 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C1ER60WA01 | 0.6 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C1HR60BA01 | 0.6 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C1HR60WA01 | 0.6 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C2AR60BA01 | 0.6 pF                | 100Vdc            | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C2AR60WA01 | 0.6 pF                | 100Vdc            | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C1ER60BA01 | 0.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C1ER60WA01 | 0.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C1HR60BA01 | 0.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C1HR60WA01 | 0.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C2AR60BA01 | 0.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C2AR60WA01 | 0.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C1ER70BA01 | 0.7 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C1ER70WA01 | 0.7 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C1HR70BA01 | 0.7 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C1HR70WA01 | 0.7 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C2AR70BA01 | 0.7 pF                | 100Vdc            | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C2AR70WA01 | 0.7 pF                | 100Vdc            | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C1ER70BA01 | 0.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C1ER70WA01 | 0.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C1HR70BA01 | 0.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C1HR70WA01 | 0.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C2AR70BA01 | 0.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0335C2AR70WA01 | 0.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C1ER80BA01 | 0.8 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 20 GHz                   |
| GRM0334C1ER80WA01 | 0.8 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 20 GHz                   |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0334C1H1R3CA01 | 1.3 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1H1R3WA01 | 1.3 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C2A1R3BA01 | 1.3 pF                | 100Vdc            | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C2A1R3CA01 | 1.3 pF                | 100Vdc            | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C2A1R3WA01 | 1.3 pF                | 100Vdc            | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E1R3BA01 | 1.3 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E1R3CA01 | 1.3 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E1R3WA01 | 1.3 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H1R3BA01 | 1.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H1R3CA01 | 1.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H1R3WA01 | 1.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A1R3BA01 | 1.3 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A1R3CA01 | 1.3 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A1R3WA01 | 1.3 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1E1R4BA01 | 1.4 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1E1R4CA01 | 1.4 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1E1R4WA01 | 1.4 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1H1R4BA01 | 1.4 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1H1R4CA01 | 1.4 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1H1R4WA01 | 1.4 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C2A1R4BA01 | 1.4 pF                | 100Vdc            | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C2A1R4CA01 | 1.4 pF                | 100Vdc            | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C2A1R4WA01 | 1.4 pF                | 100Vdc            | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E1R4BA01 | 1.4 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E1R4CA01 | 1.4 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E1R4WA01 | 1.4 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H1R4BA01 | 1.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H1R4CA01 | 1.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H1R4WA01 | 1.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A1R4BA01 | 1.4 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A1R4CA01 | 1.4 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A1R4WA01 | 1.4 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1E1R5BA01 | 1.5 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1E1R5CA01 | 1.5 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1E1R5WA01 | 1.5 pF                | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1H1R5BA01 | 1.5 pF                | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1H1R5CA01 | 1.5 pF</              |                   |                             |                       |                 |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM0335C1H1R9CA01 | 1.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H1R9WA01 | 1.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A1R9BA01 | 1.9 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A1R9CA01 | 1.9 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A1R9WA01 | 1.9 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1E2R0BA01 | 2 pF                  | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1E2R0CA01 | 2 pF                  | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1E2R0WA01 | 2 pF                  | 25Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1H2R0BA01 | 2 pF                  | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1H2R0CA01 | 2 pF                  | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C1H2R0WA01 | 2 pF                  | 50Vdc             | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C2A2R0BA01 | 2 pF                  | 100Vdc            | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C2A2R0CA01 | 2 pF                  | 100Vdc            | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0334C2A2R0WA01 | 2 pF                  | 100Vdc            | CK (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E2R0BA01 | 2 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E2R0CA01 | 2 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E2R0WA01 | 2 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H2R0BA01 | 2 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H2R0CA01 | 2 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H2R0WA01 | 2 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A2R0BA01 | 2 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A2R0CA01 | 2 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A2R0WA01 | 2 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1E2R1BA01 | 2.1 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1E2R1CA01 | 2.1 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1E2R1WA01 | 2.1 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1H2R1BA01 | 2.1 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1H2R1CA01 | 2.1 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1H2R1WA01 | 2.1 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C2A2R1BA01 | 2.1 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C2A2R1CA01 | 2.1 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C2A2R1WA01 | 2.1 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E2R1BA01 | 2.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E2R1CA01 | 2.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E2R1WA01 | 2.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H2R1BA01 | 2.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H2R1CA01 | 2.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          |                  |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm MAX) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0333C1H2R6CA01 | 2.6 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1H2R6WA01 | 2.6 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C2A2R6BA01 | 2.6 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C2A2R6CA01 | 2.6 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C2A2R6WA01 | 2.6 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E2R6BA01 | 2.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E2R6CA01 | 2.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E2R6WA01 | 2.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H2R6BA01 | 2.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H2R6CA01 | 2.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H2R6WA01 | 2.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A2R6BA01 | 2.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A2R6CA01 | 2.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A2R6WA01 | 2.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1E2R7BA01 | 2.7 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1E2R7CA01 | 2.7 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1E2R7WA01 | 2.7 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1H2R7BA01 | 2.7 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1H2R7CA01 | 2.7 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1H2R7WA01 | 2.7 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C2A2R7BA01 | 2.7 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C2A2R7CA01 | 2.7 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C2A2R7WA01 | 2.7 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E2R7BA01 | 2.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E2R7CA01 | 2.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E2R7WA01 | 2.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H2R7BA01 | 2.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H2R7CA01 | 2.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H2R7WA01 | 2.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A2R7BA01 | 2.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A2R7CA01 | 2.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A2R7WA01 | 2.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1E2R8BA01 | 2.8 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1E2R8CA01 | 2.8 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1E2R8WA01 | 2.8 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1H2R8BA01 | 2.8 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1H2R8CA01 | 2.8 pF</              |                   |                             |                       |                 |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM0335C1H3R2CA01 | 3.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H3R2WA01 | 3.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A3R2BA01 | 3.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A3R2CA01 | 3.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A3R2WA01 | 3.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1E3R3BA01 | 3.3 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1E3R3CA01 | 3.3 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1E3R3WA01 | 3.3 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1H3R3BA01 | 3.3 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1H3R3CA01 | 3.3 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1H3R3WA01 | 3.3 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C2A3R3BA01 | 3.3 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C2A3R3CA01 | 3.3 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C2A3R3WA01 | 3.3 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E3R3BA01 | 3.3 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E3R3CA01 | 3.3 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E3R3WA01 | 3.3 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H3R3BA01 | 3.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H3R3CA01 | 3.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H3R3WA01 | 3.3 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A3R3BA01 | 3.3 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A3R3CA01 | 3.3 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A3R3WA01 | 3.3 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1E3R4BA01 | 3.4 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1E3R4CA01 | 3.4 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1E3R4WA01 | 3.4 pF                | 25Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1H3R4BA01 | 3.4 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1H3R4CA01 | 3.4 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C1H3R4WA01 | 3.4 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C2A3R4BA01 | 3.4 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C2A3R4CA01 | 3.4 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0333C2A3R4WA01 | 3.4 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E3R4BA01 | 3.4 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E3R4CA01 | 3.4 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E3R4WA01 | 3.4 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H3R4BA01 | 3.4 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H3R4CA01 | 3.4 pF                |                   |                             |                       |                  |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm (mm)) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM033C1H3R9CA01  | 3.9 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM033C1H3R9WA01  | 3.9 pF                | 50Vdc             | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM033C2A3R9BA01  | 3.9 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM033C2A3R9CA01  | 3.9 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM033C2A3R9WA01  | 3.9 pF                | 100Vdc            | CJ (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E3R9BA01 | 3.9 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E3R9CA01 | 3.9 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E3R9WA01 | 3.9 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H3R9BA01 | 3.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H3R9CA01 | 3.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H3R9WA01 | 3.9 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A3R9BA01 | 3.9 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A3R9CA01 | 3.9 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A3R9WA01 | 3.9 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E4R0BA01 | 4 pF                  | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E4R0CA01 | 4 pF                  | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E4R0WA01 | 4 pF                  | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H4R0BA01 | 4 pF                  | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H4R0CA01 | 4 pF                  | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H4R0WA01 | 4 pF                  | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A4R0BA01 | 4 pF                  | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A4R0CA01 | 4 pF                  | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A4R0WA01 | 4 pF                  | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E4R0BA01 | 4 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E4R0CA01 | 4 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E4R0WA01 | 4 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H4R0BA01 | 4 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H4R0CA01 | 4 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H4R0WA01 | 4 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A4R0BA01 | 4 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A4R0CA01 | 4 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A4R0WA01 | 4 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E4R1BA01 | 4.1 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E4R1CA01 | 4.1 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E4R1WA01 | 4.1 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H4R1BA01 | 4.1 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H4R1CA01 | 4.1 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.               |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM0335C1H4R5CA01 | 4.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H4R5WA01 | 4.5 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A4R5BA01 | 4.5 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A4R5CA01 | 4.5 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A4R5WA01 | 4.5 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E4R6BA01 | 4.6 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E4R6CA01 | 4.6 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E4R6WA01 | 4.6 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H4R6BA01 | 4.6 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H4R6CA01 | 4.6 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H4R6WA01 | 4.6 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A4R6BA01 | 4.6 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A4R6CA01 | 4.6 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A4R6WA01 | 4.6 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E4R8BA01 | 4.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E4R8CA01 | 4.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E4R8WA01 | 4.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H4R8BA01 | 4.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H4R8CA01 | 4.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H4R8WA01 | 4.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A4R8BA01 | 4.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A4R8CA01 | 4.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A4R8WA01 | 4.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E4R7BA01 | 4.7 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E4R7CA01 | 4.7 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E4R7WA01 | 4.7 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H4R7BA01 | 4.7 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H4R7CA01 | 4.7 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H4R7WA01 | 4.7 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A4R7BA01 | 4.7 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A4R7CA01 | 4.7 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A4R7WA01 | 4.7 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E4R7BA01 | 4.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E4R7CA01 | 4.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E4R7WA01 | 4.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H4R7BA01 | 4.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H4R7CA01 | 4.7 pF                |                   |                             |                       |                  |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (Simulation Model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM0335C2A5R1DA01 | 5.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A5R1WA01 | 5.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R2BA01 | 3.2 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R2CA01 | 3.2 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R2DA01 | 3.2 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R2WA01 | 3.2 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R2BA01 | 3.2 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R2CA01 | 3.2 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R2DA01 | 3.2 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R2WA01 | 3.2 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A5R2BA01 | 3.2 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A5R2CA01 | 3.2 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A5R2DA01 | 3.2 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A5R2WA01 | 3.2 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E5R2BA01 | 3.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E5R2CA01 | 3.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E5R2DA01 | 3.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E5R2WA01 | 3.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H5R2BA01 | 3.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H5R2CA01 | 3.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H5R2DA01 | 3.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H5R2WA01 | 3.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A5R2BA01 | 3.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A5R2CA01 | 3.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A5R2DA01 | 3.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A5R2WA01 | 3.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R3BA01 | 5.3 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R3CA01 | 5.3 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R3DA01 | 5.3 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R3WA01 | 5.3 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R3BA01 | 5.3 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R3CA01 | 5.3 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R3DA01 | 5.3 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R3WA01 | 5.3 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A5R3BA01 | 5.3 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A5R3CA01 | 5.3 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A5R3DA01 | 5.3 pF                | 100Vdc            |                             |                       |                  |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|-------------|------------------------------------|
| GRM0335C1H5R6WA01 | 5.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A5R6BA01 | 5.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A5R6CA01 | 5.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A5R6DA01 | 5.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A5R6WA01 | 5.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R7BA01 | 3.7 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R7CA01 | 3.7 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R7DA01 | 3.7 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R7WA01 | 3.7 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R7BA01 | 3.7 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R7CA01 | 3.7 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R7DA01 | 3.7 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R7WA01 | 3.7 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A5R7BA01 | 3.7 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A5R7CA01 | 3.7 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A5R7DA01 | 3.7 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A5R7WA01 | 3.7 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E5R7BA01 | 3.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E5R7CA01 | 3.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E5R7DA01 | 3.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E5R7WA01 | 3.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H5R7BA01 | 3.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H5R7CA01 | 3.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H5R7DA01 | 3.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H5R7WA01 | 3.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A5R7BA01 | 3.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A5R7CA01 | 3.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A5R7DA01 | 3.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A5R7WA01 | 3.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R8BA01 | 5.8 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R8CA01 | 5.8 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R8DA01 | 5.8 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E5R8WA01 | 5.8 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R8BA01 | 5.8 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R8CA01 | 5.8 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R8DA01 | 5.8 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33            | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H5R8WA01 | 5.8 pF                | 50V               |                             |                       |                 |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (Simulation Model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM0335C1H6R1BA01 | 8.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H6R1CA01 | 8.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H6R1DA01 | 8.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H6R1WA01 | 8.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R1BA01 | 8.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R1CA01 | 8.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R1DA01 | 8.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R1WA01 | 8.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E6R2BA01 | 6.2 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E6R2CA01 | 6.2 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E6R2DA01 | 6.2 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E6R2WA01 | 6.2 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H6R2BA01 | 6.2 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H6R2CA01 | 6.2 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H6R2DA01 | 6.2 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H6R2WA01 | 6.2 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A6R2BA01 | 6.2 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A6R2CA01 | 6.2 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A6R2DA01 | 6.2 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A6R2WA01 | 6.2 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E6R2BA01 | 6.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E6R2CA01 | 6.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E6R2DA01 | 6.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E6R2WA01 | 6.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H6R2BA01 | 6.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H6R2CA01 | 6.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H6R2DA01 | 6.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H6R2WA01 | 6.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R2BA01 | 6.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R2CA01 | 6.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R2DA01 | 6.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R2WA01 | 6.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E6R3BA01 | 6.3 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E6R3CA01 | 6.3 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E6R3DA01 | 6.3 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E6R3WA01 | 6.3 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H6R3BA01 | 6.3 pF                |                   |                             |                       |                  |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (Simulation Model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM0335C1E6R6CA01 | 6.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E6R6DA01 | 6.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E6R6WA01 | 6.6 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H6R6BA01 | 6.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H6R6CA01 | 6.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H6R6DA01 | 6.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H6R6WA01 | 6.6 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R6BA01 | 6.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R6CA01 | 6.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R6DA01 | 6.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R6WA01 | 6.6 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E6R7BA01 | 6.7 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E6R7CA01 | 6.7 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E6R7DA01 | 6.7 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E6R7WA01 | 6.7 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H6R7BA01 | 6.7 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H6R7CA01 | 6.7 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H6R7DA01 | 6.7 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H6R7WA01 | 6.7 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A6R7BA01 | 6.7 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A6R7CA01 | 6.7 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A6R7DA01 | 6.7 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A6R7WA01 | 6.7 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E6R7BA01 | 6.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E6R7CA01 | 6.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E6R7DA01 | 6.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E6R7WA01 | 6.7 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H6R7BA01 | 6.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H6R7CA01 | 6.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H6R7DA01 | 6.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H6R7WA01 | 6.7 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R7BA01 | 6.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R7CA01 | 6.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R7DA01 | 6.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A6R7WA01 | 6.7 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E6R8BA01 | 6.8 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E6R8CA01 | 6.8 pF</              |                   |                             |                       |                  |                       |             |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type        | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-------------|------------------------------------|
| GRM0332C2A7R1DA01 | 7.1 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A7R1WA01 | 7.1 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E7R1BA01 | 7.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E7R1CA01 | 7.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E7R1DA01 | 7.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E7R1WA01 | 7.1 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H7R1BA01 | 7.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H7R1CA01 | 7.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H7R1DA01 | 7.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H7R1WA01 | 7.1 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A7R1BA01 | 7.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A7R1CA01 | 7.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A7R1DA01 | 7.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A7R1WA01 | 7.1 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E7R2BA01 | 7.2 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E7R2CA01 | 7.2 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E7R2DA01 | 7.2 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1E7R2WA01 | 7.2 pF                | 25Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H7R2BA01 | 7.2 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H7R2CA01 | 7.2 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H7R2DA01 | 7.2 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C1H7R2WA01 | 7.2 pF                | 50Vdc             | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A7R2BA01 | 7.2 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A7R2CA01 | 7.2 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A7R2DA01 | 7.2 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0332C2A7R2WA01 | 7.2 pF                | 100Vdc            | CH (JIS)                    | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E7R2BA01 | 7.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E7R2CA01 | 7.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E7R2DA01 | 7.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1E7R2WA01 | 7.2 pF                | 25Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H7R2BA01 | 7.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H7R2CA01 | 7.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H7R2DA01 | 7.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.5pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C1H7R2WA01 | 7.2 pF                | 50Vdc             | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.05pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A7R2BA01 | 7.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.1pF                | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A7R2CA01 | 7.2 pF                | 100Vdc            | COG (EIA)                   | 0201 (0603M)          | 0.33             | ±0.25pF               | Ultra-small | 100 MHz - 8.5 GHz                  |
| GRM0335C2A7R2DA01 | 7.2 pF                |                   |                             |                       |                  |                       |             |                                    |









































| Part Number      | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm max.) | Capacitance Tolerance | Type            | Frequency Range (Simulation model) |
|------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-----------------|------------------------------------|
| GRM155C1H8R3WA01 | 8.3 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R3BA01 | 8.3 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R3CA01 | 8.3 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R3DA01 | 8.3 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R3WA01 | 8.3 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R3BA01 | 8.3 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R3CA01 | 8.3 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R3DA01 | 8.3 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R3WA01 | 8.3 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R3BA01 | 8.3 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R3CA01 | 8.3 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R3DA01 | 8.3 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R3WA01 | 8.3 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R4BA01 | 8.4 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R4CA01 | 8.4 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R4DA01 | 8.4 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R4WA01 | 8.4 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R4BA01 | 8.4 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R4CA01 | 8.4 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R4DA01 | 8.4 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R4WA01 | 8.4 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R4BA01 | 8.4 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R4CA01 | 8.4 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R4DA01 | 8.4 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R4WA01 | 8.4 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R4BA01 | 8.4 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R4CA01 | 8.4 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R4DA01 | 8.4 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R4WA01 | 8.4 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R5BA01 | 8.5 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R5CA01 | 8.5 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R5DA01 | 8.5 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R5WA01 | 8.5 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R5BA01 | 8.5 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R5CA01 | 8.5 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R5DA01 | 8.5 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R5WA01 | 8.5 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R6BA01 | 8.6 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R6CA01 | 8.6 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R6DA01 | 8.6 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R6WA01 | 8.6 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R6BA01 | 8.6 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R6CA01 | 8.6 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R6DA01 | 8.6 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R6WA01 | 8.6 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R6BA01 | 8.6 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R6CA01 | 8.6 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R6DA01 | 8.6 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R6WA01 | 8.6 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R6BA01 | 8.6 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R6CA01 | 8.6 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R6DA01 | 8.6 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R6WA01 | 8.6 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R7BA01 | 8.7 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R7CA01 | 8.7 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R7DA01 | 8.7 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R7WA01 | 8.7 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R7BA01 | 8.7 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R7CA01 | 8.7 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R7DA01 | 8.7 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R7WA01 | 8.7 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R7BA01 | 8.7 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R7CA01 | 8.7 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R7DA01 | 8.7 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R7WA01 | 8.7 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R7BA01 | 8.7 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R7CA01 | 8.7 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R7DA01 | 8.7 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R7WA01 | 8.7 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R8BA01 | 8.8 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R8CA01 | 8.8 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R8DA01 | 8.8 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R8WA01 | 8.8 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R8BA01 | 8.8 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R8CA01 | 8.8 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R8DA01 | 8.8 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R8WA01 | 8.8 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R8BA01 | 8.8 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R8CA01 | 8.8 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R8DA01 | 8.8 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R8WA01 | 8.8 pF                | 50Vdc             | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R8BA01 | 8.8 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R8CA01 | 8.8 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R8DA01 | 8.8 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R8WA01 | 8.8 pF                | 100Vdc            | COG (IEA)                   | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R9BA01 | 8.9 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R9CA01 | 8.9 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R9DA01 | 8.9 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H8R9WA01 | 8.9 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R9BA01 | 8.9 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R9CA01 | 8.9 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R9DA01 | 8.9 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A8R9WA01 | 8.9 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H9R0BA01 | 9 pF                  | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H9R0CA01 | 9 pF                  | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H9R0DA01 | 9 pF                  | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C1H9R0WA01 | 9 pF                  | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A9R0BA01 | 9 pF                  | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A9R0CA01 | 9 pF                  | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A9R0DA01 | 9 pF                  | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM155C2A9R0WA01 | 9 pF                  | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55             | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (Inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type            | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|-----------------|------------------------------------|
| GRM1555C1H9R0BA01 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R0CA01 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R0DA01 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R0WA01 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R0BA01 | 9 pF                  | 100Vdc            | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R0CA01 | 9 pF                  | 100Vdc            | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R0DA01 | 9 pF                  | 100Vdc            | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R0WA01 | 9 pF                  | 100Vdc            | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C1E9R1DA01 | 9.1 pF                | 25Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C1H9R1BA01 | 9.1 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C1H9R1CA01 | 9.1 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C1H9R1DA01 | 9.1 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C1H9R1WA01 | 9.1 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R1BA01 | 9.1 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R1CA01 | 9.1 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R1DA01 | 9.1 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R1WA01 | 9.1 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1E9R1DA01 | 9.1 pF                | 25Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R1BA01 | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R1CA01 | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R1DA01 | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R1WA01 | 9.1 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R1BA01 | 9.1 pF                | 100Vdc            | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R1CA01 | 9.1 pF                | 100Vdc            | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R1DA01 | 9.1 pF                | 100Vdc            | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R1WA01 | 9.1 pF                | 100Vdc            | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C1H9R2BA01 | 9.2 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C1H9R2CA01 | 9.2 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C1H9R2DA01 | 9.2 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C1H9R2WA01 | 9.2 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R2BA01 | 9.2 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R2CA01 | 9.2 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R2DA01 | 9.2 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R2WA01 | 9.2 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)          | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R2BA01 | 9.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R2CA01 | 9.2 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)          | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R2DA01 | 9.2 pF                | 50Vdc             | COG (E                      |                       |                 |                       |                 |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type            | Frequency Range (Simulation Model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-----------------|------------------------------------|
| GRM1555C1H9R7WA01 | 9.7 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R7BA01 | 9.7 pF                | 100Vdc            | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R7CA01 | 9.7 pF                | 100Vdc            | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R7DA01 | 9.7 pF                | 100Vdc            | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R7WA01 | 9.7 pF                | 100Vdc            | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C1H9R8BA01 | 9.8 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C1H9R8CA01 | 9.8 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C1H9R8DA01 | 9.8 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C1H9R8WA01 | 9.8 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R8BA01 | 9.8 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R8CA01 | 9.8 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R8DA01 | 9.8 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R8WA01 | 9.8 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R8BA01 | 9.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R8CA01 | 9.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R8DA01 | 9.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R8WA01 | 9.8 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R8BA01 | 9.8 pF                | 100Vdc            | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R8CA01 | 9.8 pF                | 100Vdc            | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R8DA01 | 9.8 pF                | 100Vdc            | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R8WA01 | 9.8 pF                | 100Vdc            | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R9BA01 | 9.9 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R9CA01 | 9.9 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R9DA01 | 9.9 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R9WA01 | 9.9 pF                | 50Vdc             | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R9BA01 | 9.9 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R9CA01 | 9.9 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R9DA01 | 9.9 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1552C2A9R9WA01 | 9.9 pF                | 100Vdc            | CH (JIS)                    | 0402 (1005M)        | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R9BA01 | 9.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R9CA01 | 9.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R9DA01 | 9.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C1H9R9WA01 | 9.9 pF                | 50Vdc             | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R9BA01 | 9.9 pF                | 100Vdc            | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R9CA01 | 9.9 pF                | 100Vdc            | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R9DA01 | 9.9 pF                | 100Vdc            | COG (EIA)                   | 0402 (1005M)        | 0.55            | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1555C2A9R9WA01 | 9.9 pF                |                   |                             |                     |                 |                       |                 |                                    |





























| Part Number       | Capacitance (Nominal) | Rated Voltage | Temperature Characteristics | Size Code    | T size    | Capacitance Tolerance | Type            | Frequency Range    |
|-------------------|-----------------------|---------------|-----------------------------|--------------|-----------|-----------------------|-----------------|--------------------|
|                   |                       | (V)           |                             | (inch/mm)    | (mm Max.) |                       |                 | (Simulation model) |
| GRM1885C2A6R5CA01 | 8.5 pF                | 100Vdc        | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C2A6R5DA01 | 8.5 pF                | 100Vdc        | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C2A6R5WA01 | 8.5 pF                | 100Vdc        | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C1H6R6BA01 | 8.6 pF                | 50Vdc         | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C1H6R6CA01 | 8.6 pF                | 50Vdc         | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C1H6R6DA01 | 8.6 pF                | 50Vdc         | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C1H6R6WA01 | 8.6 pF                | 50Vdc         | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C2A6R6BA01 | 8.6 pF                | 100Vdc        | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C2A6R6CA01 | 8.6 pF                | 100Vdc        | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C2A6R6DA01 | 8.6 pF                | 100Vdc        | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C2A6R6WA01 | 8.6 pF                | 100Vdc        | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C1H6R6BA01 | 8.6 pF                | 50Vdc         | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C1H6R6CA01 | 8.6 pF                | 50Vdc         | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C1H6R6DA01 | 8.6 pF                | 50Vdc         | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C1H6R6WA01 | 8.6 pF                | 50Vdc         | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C2A6R6BA01 | 8.6 pF                | 100Vdc        | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C2A6R6CA01 | 8.6 pF                | 100Vdc        | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C2A6R6DA01 | 8.6 pF                | 100Vdc        | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C2A6R6WA01 | 8.6 pF                | 100Vdc        | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C1H6R7BA01 | 8.7 pF                | 50Vdc         | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C1H6R7CA01 | 8.7 pF                | 50Vdc         | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C1H6R7DA01 | 8.7 pF                | 50Vdc         | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C1H6R7WA01 | 8.7 pF                | 50Vdc         | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C2A6R7BA01 | 8.7 pF                | 100Vdc        | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C2A6R7CA01 | 8.7 pF                | 100Vdc        | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C2A6R7DA01 | 8.7 pF                | 100Vdc        | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C2A6R7WA01 | 8.7 pF                | 100Vdc        | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C1H6R7BA01 | 8.7 pF                | 50Vdc         | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C1H6R7CA01 | 8.7 pF                | 50Vdc         | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C1H6R7DA01 | 8.7 pF                | 50Vdc         | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C1H6R7WA01 | 8.7 pF                | 50Vdc         | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C2A6R7BA01 | 8.7 pF                | 100Vdc        | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C2A6R7CA01 | 8.7 pF                | 100Vdc        | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C2A6R7DA01 | 8.7 pF                | 100Vdc        | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1885C2A6R7WA01 | 8.7 pF                | 100Vdc        | COG (EIA)                   | 0603 (1608M) | 0.9       | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C1H6R8BA01 | 8.8 pF                | 50Vdc         | CH (JIS)                    | 0603 (1608M) | 0.9       | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz  |
| GRM1882C1H6R8CA01 | 8                     |               |                             |              |           |                       |                 |                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type            | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-----------------|------------------------------------|
| GRM1882C1H7R3DA01 | 7.3 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C1H7R3WA01 | 7.3 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C2A7R3BA01 | 7.3 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C2A7R3CA01 | 7.3 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C2A7R3DA01 | 7.3 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C2A7R3WA01 | 7.3 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C1H7R3BA01 | 7.3 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C1H7R3CA01 | 7.3 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C1H7R3DA01 | 7.3 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C1H7R3WA01 | 7.3 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C2A7R3BA01 | 7.3 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C2A7R3CA01 | 7.3 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C2A7R3DA01 | 7.3 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C2A7R3WA01 | 7.3 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C1H7R4BA01 | 7.4 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C1H7R4CA01 | 7.4 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C1H7R4DA01 | 7.4 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C1H7R4WA01 | 7.4 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C2A7R4BA01 | 7.4 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C2A7R4CA01 | 7.4 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C2A7R4DA01 | 7.4 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C2A7R4WA01 | 7.4 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C1H7R4BA01 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C1H7R4CA01 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C1H7R4DA01 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C1H7R4WA01 | 7.4 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C2A7R4BA01 | 7.4 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C2A7R4CA01 | 7.4 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C2A7R4DA01 | 7.4 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1885C2A7R4WA01 | 7.4 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C1H7R5CA01 | 7.5 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C1H7R5DA01 | 7.5 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C1H7R5WA01 | 7.5 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C2A7R5BA01 | 7.5 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C2A7R5CA01 | 7.5 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C2A7R5DA01 | 7.5 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz ~ 8.5 GHz                  |
| GRM1882C2A7R5WA01 | 7.5 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          |                  |                       |                 |                                    |





| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type            | Frequency Range (Simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-----------------|------------------------------------|
| GRM1882C1H9R5CA01 | 9.5 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H9R5DA01 | 9.5 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H9R5WA01 | 9.5 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A9R5BA01 | 9.5 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A9R5CA01 | 9.5 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A9R5DA01 | 9.5 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A9R5WA01 | 9.5 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H9R5BA01 | 9.5 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H9R5CA01 | 9.5 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H9R5DA01 | 9.5 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H9R5WA01 | 9.5 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A9R5BA01 | 9.5 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A9R5CA01 | 9.5 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A9R5DA01 | 9.5 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A9R5WA01 | 9.5 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H9R8BA01 | 9.6 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H9R8CA01 | 9.6 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H9R8DA01 | 9.6 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H9R8WA01 | 9.6 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A9R8BA01 | 9.6 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A9R8CA01 | 9.6 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A9R8DA01 | 9.6 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A9R8WA01 | 9.6 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H9R8BA01 | 9.6 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H9R8CA01 | 9.6 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H9R8DA01 | 9.6 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H9R8WA01 | 9.6 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A9R8BA01 | 9.6 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A9R8CA01 | 9.6 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A9R8DA01 | 9.6 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A9R8WA01 | 9.6 pF                | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H9R7BA01 | 9.7 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H9R7CA01 | 9.7 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.25pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H9R7DA01 | 9.7 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.5pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H9R7WA01 | 9.7 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.05pF               | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A9R7BA01 | 9.7 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          | 0.9              | ±0.1pF                | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A9R7CA01 | 9.7 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)          |                  |                       |                 |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type            | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-----------------|------------------------------------|
| GRM1882C1H560JA01 | 56 pF                 | 50Vdc             | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A560JA01 | 56 pF                 | 100Vdc            | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H560JA01 | 56 pF                 | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A560JA01 | 56 pF                 | 100Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H680JA01 | 68 pF                 | 50Vdc             | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A680JA01 | 68 pF                 | 100Vdc            | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H680JA01 | 68 pF                 | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A680JA01 | 68 pF                 | 100Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H820JA01 | 82 pF                 | 50Vdc             | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A820JA01 | 82 pF                 | 100Vdc            | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H820JA01 | 82 pF                 | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A820JA01 | 82 pF                 | 100Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H101JA01 | 100 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A101JA01 | 100 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H101GA01 | 100 pF                | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±2%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H101JA01 | 100 pF                | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A101JA01 | 100 pF                | 100Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H121JA01 | 120 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A121JA01 | 120 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H121JA01 | 120 pF                | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A121JA01 | 120 pF                | 100Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H151JA01 | 150 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A151JA01 | 150 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H151GA01 | 150 pF                | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±2%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H151JA01 | 150 pF                | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A151JA01 | 150 pF                | 100Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H181JA01 | 180 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A181JA01 | 180 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H181JA01 | 180 pF                | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A181JA01 | 180 pF                | 100Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H201JA01 | 200 pF                | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C1H221JA01 | 220 pF                | 50Vdc             | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1882C2A221JA01 | 220 pF                | 100Vdc            | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C1H221JA01 | 220 pF                | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM1885C2A221JA01 | 220 pF                | 100Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 MHz - 8.5 GHz                  |
| GRM188B1H2221KA01 | 220 pF                | 50Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz - 6 GHz                     |
| GRM188B1H221MA01  | 220 pF                | 50Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz - 6 GHz                     |
| GRM188R1H2221KA01 | 220 pF                | 50Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 500 kHz - 6 GHz                    |
| GRM188R1H221MA01  | 220 pF                | 50Vdc             | R                           |                     |                 |                       |                 |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type            | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-----------------|------------------------------------|
| GRM1881X1H122JA01 | 1200 pF               | 50Vdc             | SL (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1882C1H122JA01 | 1200 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1882C2A122JA01 | 1200 pF               | 100Vdc            | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1883U1H122JA01 | 1200 pF               | 50Vdc             | UJ (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1885C1H122JA01 | 1200 pF               | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1885C2A122JA01 | 1200 pF               | 100Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1887U1H122JA01 | 1200 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1881X1H152JA01 | 1500 pF               | 50Vdc             | SL (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1882C1H152JA01 | 1500 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1882C2A152JA01 | 1500 pF               | 100Vdc            | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1883U1H152JA01 | 1500 pF               | 50Vdc             | UJ (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1885C1E152JA01 | 1500 pF               | 25Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1885C1H152JA01 | 1500 pF               | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1885C2A152JA01 | 1500 pF               | 100Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1887U1H152JA01 | 1500 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM188B11E152KA01 | 1500 pF               | 25Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B11H152KA01 | 1500 pF               | 50Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B11H152MA01 | 1500 pF               | 50Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R11E152KA01 | 1500 pF               | 25Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R11H152KA01 | 1500 pF               | 50Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R11E152MA01 | 1500 pF               | 25Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R11H152MA01 | 1500 pF               | 50Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R7A152KA01  | 1500 pF               | 100Vdc            | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM1881X1H182JA01 | 1800 pF               | 50Vdc             | SL (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1882C1H182JA01 | 1800 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1882C2A182JA01 | 1800 pF               | 100Vdc            | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1883U1H182JA01 | 1800 pF               | 50Vdc             | UJ (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1885C1H182JA01 | 1800 pF               | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1885C2A182JA01 | 1800 pF               | 100Vdc            | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1887U1H182JA01 | 1800 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM188R7H182KA01  | 1800 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM1885C1H202JA01 | 2000 pF               | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1851X1H222JA44 | 2200 pF               | 50Vdc             | SL (JIS)                    | 0603 (1608M)        | 0.5             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1853U1H222JA44 | 2200 pF               | 50Vdc             | UJ (JIS)                    | 0603 (1608M)        | 0.5             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1857U1H222JA44 | 2200 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)        | 0.5             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1881X1H222JA01 | 2200 pF               | 50Vdc             | SL (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1882C1H222JA01 | 2200 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1882C2A222JA01 | 2200 pF               | 100Vdc            | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1883U1H222JA01 | 2200 pF               | 50Vdc             | UJ (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM1885C1H222JA01 |                       |                   |                             |                     |                 |                       |                 |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type            | Frequency Range (Simulation Model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-----------------|------------------------------------|
| GRM188R71E472MA01 | 4700 pF               | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz – 6 GHz                     |
| GRM188R71H472JA01 | 4700 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 Hz – 6 GHz                     |
| GRM188R71H472KA01 | 4700 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz – 6 GHz                     |
| GRM188R71H472MA01 | 4700 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz – 6 GHz                     |
| GRM1851XA562JA44  | 5600 pF               | 10Vdc             | SL (JIS)                    | 0603 (1608M)        | 0.5             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1853UIA562JA44 | 5600 pF               | 10Vdc             | UJ (JIS)                    | 0603 (1608M)        | 0.5             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1857UIA562JA44 | 5600 pF               | 10Vdc             | U2J (EIA)                   | 0603 (1608M)        | 0.5             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1881XH562JA01  | 5600 pF               | 50Vdc             | SL (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1882CIH562JA01 | 5600 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1883UIH562JA01 | 5600 pF               | 50Vdc             | UJ (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1885CI562JA01  | 5600 pF               | 25Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1885CIH562JA01 | 5600 pF               | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1887UIH562JA01 | 5600 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM18877IH562KA01 | 5600 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz – 6 GHz                     |
| GRM1851XA682JA44  | 6800 pF               | 10Vdc             | SL (JIS)                    | 0603 (1608M)        | 0.5             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1853UIA682JA44 | 6800 pF               | 10Vdc             | UJ (JIS)                    | 0603 (1608M)        | 0.5             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1857UIA682JA44 | 6800 pF               | 10Vdc             | U2J (EIA)                   | 0603 (1608M)        | 0.5             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1881XH682JA01  | 6800 pF               | 50Vdc             | SL (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1882CIH682JA01 | 6800 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1883UIH682JA01 | 6800 pF               | 50Vdc             | UJ (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1885CIH682JA01 | 6800 pF               | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1887UIH682JA01 | 6800 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM188B1IE682KA01 | 6800 pF               | 25Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz – 6 GHz                     |
| GRM188B1IH682KA01 | 6800 pF               | 50Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz – 6 GHz                     |
| GRM188B1IH682MA01 | 6800 pF               | 50Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz – 6 GHz                     |
| GRM188R1IE682KA01 | 6800 pF               | 25Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz – 6 GHz                     |
| GRM188R1IH682KA01 | 6800 pF               | 50Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz – 6 GHz                     |
| GRM188R1IE682MA01 | 6800 pF               | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz – 6 GHz                     |
| GRM188R7IE682KA01 | 6800 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz – 6 GHz                     |
| GRM1851XA822JA44  | 8200 pF               | 10Vdc             | SL (JIS)                    | 0603 (1608M)        | 0.5             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1853UIA822JA44 | 8200 pF               | 10Vdc             | UJ (JIS)                    | 0603 (1608M)        | 0.5             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1857UIA822JA44 | 8200 pF               | 10Vdc             | U2J (EIA)                   | 0603 (1608M)        | 0.5             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1881XH822JA01  | 8200 pF               | 50Vdc             | SL (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1882CIH822JA01 | 8200 pF               | 50Vdc             | CH (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1883UIH822JA01 | 8200 pF               | 50Vdc             | UJ (JIS)                    | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1885CIH822JA01 | 8200 pF               | 50Vdc             | C0G (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1887UIH822JA01 | 8200 pF               | 50Vdc             | U2J (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM188R7IH822KA01 | 8200 pF               | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz – 6 GHz                     |
| GRM1851XA103JA44  | 10000 pF              | 10Vdc             | SL (JIS)                    | 0603 (1608M)        | 0.5             | ±5%                   | General Purpose | 1 MHz – 6 GHz                      |
| GRM1853UIA103JA44 | 10000 pF              | 10Vdc             | UJ (JIS)</                  |                     |                 |                       |                 |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type            | Frequency Range (Simulation Model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-----------------|------------------------------------|
| GRM188R71H333KA61 | 33000 pF              | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R71H383KA61 | 39000 pF              | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B11E473KA01 | 47000 pF              | 25Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B11E473MA01 | 47000 pF              | 25Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B11H473KA61 | 47000 pF              | 50Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B11H473MA61 | 47000 pF              | 50Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R11E473KA01 | 47000 pF              | 25Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R11E473MA01 | 47000 pF              | 25Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R11H473KA61 | 47000 pF              | 50Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R11H473MA61 | 47000 pF              | 50Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R71C473JA01 | 47000 pF              | 16Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±5%                   | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R71E473KA01 | 47000 pF              | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R71E473MA01 | 47000 pF              | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R71H473KA61 | 47000 pF              | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R71H473MA61 | 47000 pF              | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B11E683KA01 | 68000 pF              | 25Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B11E683MA01 | 68000 pF              | 25Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B31H683KA92 | 68000 pF              | 50Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B31H683MA92 | 68000 pF              | 50Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R11E683KA01 | 68000 pF              | 25Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 kHz ~ 6 GHz                    |
| GRM188R11H683KA93 | 68000 pF              | 50Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R71E683KA01 | 68000 pF              | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R71H683KA93 | 68000 pF              | 50Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R71E823KA01 | 82000 pF              | 25Vdc             | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B11C104KA01 | 100000 pF             | 16Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B11C104MA01 | 100000 pF             | 16Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B11E104KA01 | 100000 pF             | 25Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B11E104MA01 | 100000 pF             | 25Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B31H104KA92 | 100000 pF             | 50Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B31H104MA92 | 100000 pF             | 50Vdc             | B (JIS)                     | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R11C104KA01 | 100000 pF             | 16Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R11E104KA01 | 100000 pF             | 25Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R11E104MA01 | 100000 pF             | 25Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R11H104KA93 | 100000 pF             | 50Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R11H104MA93 | 100000 pF             | 50Vdc             | R (JIS)                     | 0603 (1608M)        | 0.9             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B61C104KA01 | 100000 pF             | 16Vdc             | X5R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188B61E104KA01 | 100000 pF             | 25Vdc             | X5R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R70J104KA01 | 100000 pF             | 6.3Vdc            | X7R (EIA)                   | 0603 (1608M)        | 0.9             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM188R71C104KA0  |                       |                   |                             |                     |                 |                       |                 |                                    |

| Part Number       | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max.) | Capacitance<br>Tolerance | Type            | Frequency Range<br>(simulation model) |
|-------------------|--------------------------|----------------------|--------------------------------|------------------------|---------------------|--------------------------|-----------------|---------------------------------------|
| GRM188R71C474MA88 | 470000 pF                | 16Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R71E474KA12 | 470000 pF                | 25Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R71E474MA12 | 470000 pF                | 25Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R7Y4A74KE05 | 470000 pF                | 35Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R7Y4A74ME05 | 470000 pF                | 35Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B11A684KA61 | 680000 pF                | 10Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B11A684MA75 | 680000 pF                | 10Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B31C684KA75 | 680000 pF                | 16Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B31C684MA75 | 680000 pF                | 16Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B31E684KA75 | 680000 pF                | 25Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B31E684MA75 | 680000 pF                | 25Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C71C684MA12 | 680000 pF                | 16Vdc                | X7S (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 kHz - 6 GHz                       |
| GRM188R61A684KA61 | 680000 pF                | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61A684MA75 | 680000 pF                | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61C684KA75 | 680000 pF                | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61C684MA75 | 680000 pF                | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61E684KA75 | 680000 pF                | 25Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61E684MA75 | 680000 pF                | 25Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61H684KA75 | 680000 pF                | 50Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R71A684KA61 | 680000 pF                | 10Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R71A684MA75 | 680000 pF                | 10Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185B30J105KE25 | 1 uF                     | 6.3Vdc               | B (JIS)                        | 0603 (1608M)           | 0.5                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185B31A105KE35 | 1 uF                     | 10Vdc                | B (JIS)                        | 0603 (1608M)           | 0.5                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185B31C105KE43 | 1 uF                     | 16Vdc                | B (JIS)                        | 0603 (1608M)           | 0.5                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185B31C105ME43 | 1 uF                     | 16Vdc                | B (JIS)                        | 0603 (1608M)           | 0.5                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185B31E105KA12 | 1 uF                     | 25Vdc                | B (JIS)                        | 0603 (1608M)           | 0.5                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185B31E105MA12 | 1 uF                     | 25Vdc                | B (JIS)                        | 0603 (1608M)           | 0.5                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185C80J105KE26 | 1 uF                     | 6.3Vdc               | X6S (EIA)                      | 0603 (1608M)           | 0.5                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185C81A105KE36 | 1 uF                     | 10Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.5                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185D71A105KE36 | 1 uF                     | 10Vdc                | X7T (EIA)                      | 0603 (1608M)           | 0.5                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185R60J105KE26 | 1 uF                     | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 0.5                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185R61C105KE44 | 1 uF                     | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.5                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185R61C105ME44 | 1 uF                     | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.5                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185R61E105KA12 | 1 uF                     | 25Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.5                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185R61E105MA12 | 1 uF                     | 25Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.5                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B10J105KA01 | 1 uF                     | 6.3Vdc               | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B11A105KA61 | 1 uF                     | 10Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B31C105KA92 | 1 uF                     | 16Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B31C105MA92 | 1 uF                     | 16Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B31E105KA75 | 1 uF                     | 25Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B31E105MA75 | 1 uF                     | 25Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B31H105KAAL | 1 uF                     | 50Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B31H105MAAL | 1 uF                     | 50Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C80G105MA01 | 1 uF                     | 4Vdc                 | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C81A105KA12 | 1 uF                     | 10Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C81C105KA12 | 1 uF                     | 16Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C81C105MA12 | 1 uF                     | 16Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C81E105KA12 | 1 uF                     | 25Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C81E105KAAD | 1 uF                     | 25Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C81E105MAAD | 1 uF                     | 25Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C8YA105KAAL | 1 uF                     | 35Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188D71H105KE01 | 1 uF                     | 50Vdc                | X7T (EIA)                      | 0603 (1608M)           | 1                   | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188D71H105ME01 | 1 uF                     | 50Vdc                | X7T (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188D72A105KE01 | 1 uF                     | 100Vdc               | X7T (EIA)                      | 0603 (1608M)           | 1                   | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188D72A105ME01 | 1 uF                     | 100Vdc               | X7T (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R60J105KA01 | 1 uF                     | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R60J105MA01 | 1 uF                     | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61A105KA61 | 1 uF                     | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61A105MA61 | 1 uF                     | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61C105KA12 | 1 uF                     | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61C105KA93 | 1 uF                     | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61C105MA12 | 1 uF                     | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61C105MA93 | 1 uF                     | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61E105KA12 | 1 uF                     | 25Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61E105KAAD | 1 uF                     | 25Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61E105MA12 | 1 uF                     | 25Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61H105KAAL | 1 uF                     | 50Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61H105MAAL | 1 uF                     | 50Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R6YA105KA12 | 1 uF                     | 35Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R6YA105KAAL | 1 uF                     | 35Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R70J105KA01 | 1 uF                     | 6.3Vdc               | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R70J105MA01 | 1 uF                     | 6.3Vdc               | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R71A105KA61 | 1 uF                     | 10Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R71C105KA12 | 1 uF                     | 16Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R71C105KE15 | 1 uF                     | 16Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R71C105MA12 | 1 uF                     | 16Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R71C105ME15 | 1 uF                     | 16Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R71E105KA12 | 1 uF                     | 25Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R71E105MA12 | 1 uF                     | 25Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R7YA105KA12 | 1 uF                     | 35Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R7YA105MA12 | 1 uF                     | 35Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185R60J225KE26 | 2.2 uF                   | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 0.5                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM185B30J225KE18 | 2.2 uF                   | 6.3Vdc               | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B31A225KE33 | 2.2 uF                   | 10Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B31A225ME33 | 2.2 uF                   | 10Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B31C225KE14 | 2.2 uF                   | 16Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B31E225KA12 | 2.2 uF                   | 25Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B31E225MA12 | 2.2 uF                   | 25Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B3YA225KA12 | 2.2 uF                   | 35Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188B3YA225MA12 | 2.2 uF                   | 35Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C71C225KE11 | 2.2 uF                   | 16Vdc                | X7S (EIA)                      | 0603 (1608M)           | 1                   | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C71C225ME11 | 2.2 uF                   | 16Vdc                | X7S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C71E225KE11 | 2.2 uF                   | 25Vdc                | X7S (EIA)                      | 0603 (1608M)           | 1                   | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C71E225ME11 | 2.2 uF                   | 25Vdc                | X7S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C80J225KE19 | 2.2 uF                   | 6.3Vdc               | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C80J225ME19 | 2.2 uF                   | 6.3Vdc               | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C81A225KAAD | 2.2 uF                   | 10Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C81A225KE34 | 2.2 uF                   | 10Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C81A225ME34 | 2.2 uF                   | 10Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C81C225KA12 | 2.2 uF                   | 16Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C81C225MA12 | 2.2 uF                   | 16Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C81E225KE11 | 2.2 uF                   | 25Vdc                | X6S (EIA)                      | 0603 (1608M)           | 1                   | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C81E225ME11 | 2.2 uF                   | 25Vdc                | X6S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188C8YA225KE11 | 2.2 uF                   | 35Vdc                | X6S (EIA)                      | 0603 (1608M)           | 1                   | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R60J225KE19 | 2.2 uF                   | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61A225KE34 | 2.2 uF                   | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61A225ME34 | 2.2 uF                   | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61C225KAAD | 2.2 uF                   | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61C225KE15 | 2.2 uF                   | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61E225KA12 | 2.2 uF                   | 25Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61E225MA12 | 2.2 uF                   | 25Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61H225KE11 | 2.2 uF                   | 50Vdc                | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R61H225ME11 | 2.2 uF                   | 50Vdc                | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R6YA225KA12 | 2.2 uF                   | 35Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R6YA225MA12 | 2.2 uF                   | 35Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM188R70J225KE15 | 2.2 uF                   | 6.3Vdc               | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |

| Part Number       | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max.) | Capacitance<br>Tolerance | Type                           | Frequency Range<br>(simulation model) |
|-------------------|--------------------------|----------------------|--------------------------------|------------------------|---------------------|--------------------------|--------------------------------|---------------------------------------|
| GRM188R71A225KE15 | 2.2 uF                   | 10Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R71A225ME15 | 2.2 uF                   | 10Vdc                | X7R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188Z71C225KE43 | 2.2 uF                   | 16Vdc                | X7R (MURATA)                   | 0603 (1608M)           | 1                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188Z71C225ME43 | 2.2 uF                   | 16Vdc                | X7R (MURATA)                   | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188Z71E225KE43 | 2.2 uF                   | 25Vdc                | X7R (MURATA)                   | 0603 (1608M)           | 1                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188Z71E225ME43 | 2.2 uF                   | 25Vdc                | X7R (MURATA)                   | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61A335KE15 | 3.3 uF                   | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM185C80J475ME11 | 4.7 uF                   | 6.3Vdc               | X6S (EIA)                      | 0603 (1608M)           | 0.55                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM185C81A475KE11 | 4.7 uF                   | 10Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.55                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM185C81A475ME11 | 4.7 uF                   | 10Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.55                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM185D70J475ME11 | 4.7 uF                   | 6.3Vdc               | X7T (EIA)                      | 0603 (1608M)           | 0.55                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM185R61A475KE11 | 4.7 uF                   | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.55                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM185R61A475ME11 | 4.7 uF                   | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.55                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM185R61C475KE11 | 4.7 uF                   | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.55                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM185R61C475ME11 | 4.7 uF                   | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.55                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188B30J475KE18 | 4.7 uF                   | 6.3Vdc               | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188B30J475ME18 | 4.7 uF                   | 6.3Vdc               | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188B30J475ME84 | 4.7 uF                   | 6.3Vdc               | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188B31A475KE15 | 4.7 uF                   | 10Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188B31A475ME15 | 4.7 uF                   | 10Vdc                | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188B31C475KE15 | 4.7 uF                   | 16Vdc                | B (JIS)                        | 0603 (1608M)           | 0.95                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188B31C475MAAJ | 4.7 uF                   | 16Vdc                | B (JIS)                        | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C71A475KE11 | 4.7 uF                   | 10Vdc                | X7S (EIA)                      | 0603 (1608M)           | 0.95                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C71A475ME11 | 4.7 uF                   | 10Vdc                | X7S (EIA)                      | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C71C475KE21 | 4.7 uF                   | 16Vdc                | X7S (EIA)                      | 0603 (1608M)           | 1                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C71C475ME21 | 4.7 uF                   | 16Vdc                | X7S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C81C475KE11 | 4.7 uF                   | 16Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.95                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C81C475ME11 | 4.7 uF                   | 16Vdc                | X6S (EIA)                      | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C81E475KE11 | 4.7 uF                   | 25Vdc                | X6S (EIA)                      | 0603 (1608M)           | 1                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C81E475ME11 | 4.7 uF                   | 25Vdc                | X6S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188D71A475KE11 | 4.7 uF                   | 10Vdc                | X7T (EIA)                      | 0603 (1608M)           | 0.95                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188D71A475ME11 | 4.7 uF                   | 10Vdc                | X7T (EIA)                      | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60J475KE19 | 4.7 uF                   | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60J475ME19 | 4.7 uF                   | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60J475ME84 | 4.7 uF                   | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61A475KAAJ | 4.7 uF                   | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.95                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61A475KE15 | 4.7 uF                   | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61A475MAAJ | 4.7 uF                   | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61A475ME15 | 4.7 uF                   | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61C475KE11 | 4.7 uF                   | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.95                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61C475ME11 | 4.7 uF                   | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61E475KE11 | 4.7 uF                   | 25Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.95                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61E475ME11 | 4.7 uF                   | 25Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R6Y475KE15  | 4.7 uF                   | 35Vdc                | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R6Y475ME15  | 4.7 uF                   | 35Vdc                | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188Z71A475KE15 | 4.7 uF                   | 10Vdc                | X7R (MURATA)                   | 0603 (1608M)           | 0.95                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188Z71A475ME15 | 4.7 uF                   | 10Vdc                | X7R (MURATA)                   | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188Z71C475KE21 | 4.7 uF                   | 16Vdc                | X7R (MURATA)                   | 0603 (1608M)           | 1                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188Z71C475ME21 | 4.7 uF                   | 16Vdc                | X7R (MURATA)                   | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM185R60G106ME15 | 10 uF                    | 4Vdc                 | X5R (EIA)                      | 0603 (1608M)           | 0.5                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM185R60J106ME15 | 10 uF                    | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 0.5                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188B30G106ME46 | 10 uF                    | 4Vdc                 | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188B30J106ME47 | 10 uF                    | 6.3Vdc               | B (JIS)                        | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188B30J106ME84 | 10 uF                    | 6.3Vdc               | B (JIS)                        | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188B31A106KE69 | 10 uF                    | 10Vdc                | B (JIS)                        | 0603 (1608M)           | 0.95                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188B31A106ME69 | 10 uF                    | 10Vdc                | B (JIS)                        | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C80E106KE47 | 10 uF                    | 2.5Vdc               | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C80E106ME47 | 10 uF                    | 2.5Vdc               | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C80G106ME47 | 10 uF                    | 4Vdc                 | X6S (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C80G106ME69 | 10 uF                    | 4Vdc                 | X6S (EIA)                      | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C80J106MA73 | 10 uF                    | 6.3Vdc               | X6S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C80J106MEA6 | 10 uF                    | 6.3Vdc               | X6S (EIA)                      | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C81A106KA73 | 10 uF                    | 10Vdc                | X6S (EIA)                      | 0603 (1608M)           | 1                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C81A106MA73 | 10 uF                    | 10Vdc                | X6S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C81C106MA73 | 10 uF                    | 16Vdc                | X6S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188D70J106MA73 | 10 uF                    | 6.3Vdc               | X7T (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188D71A106KA73 | 10 uF                    | 10Vdc                | X7T (EIA)                      | 0603 (1608M)           | 1                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188D71A106MA73 | 10 uF                    | 10Vdc                | X7T (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60G106ME47 | 10 uF                    | 4Vdc                 | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60J106KE47 | 10 uF                    | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60J106ME47 | 10 uF                    | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 0.9                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60J106ME84 | 10 uF                    | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61A106MAAL | 10 uF                    | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61A106ME69 | 10 uF                    | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61C106MA73 | 10 uF                    | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61C106MAAL | 10 uF                    | 16Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61E106KA73 | 10 uF                    | 25Vdc                | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61E106MA73 | 10 uF                    | 25Vdc                | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R6Y106MA73  | 10 uF                    | 35Vdc                | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188Z71A106KA73 | 10 uF                    | 10Vdc                | X7R (MURATA)                   | 0603 (1608M)           | 1                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188Z71A106MA73 | 10 uF                    | 10Vdc                | X7R (MURATA)                   | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60G226ME15 | 22 uF                    | 4Vdc                 | X5R (EIA)                      | 0603 (1608M)           | 0.6                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM186R60J226ME15 | 22 uF                    | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 0.6                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM187R60J226ME15 | 22 uF                    | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 0.8                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM187R61A226ME15 | 22 uF                    | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.8                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188B30G226MEA0 | 22 uF                    | 4Vdc                 | B (JIS)                        | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188B30J226MEA0 | 22 uF                    | 6.3Vdc               | B (JIS)                        | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C60J226MEA0 | 22 uF                    | 6.3Vdc               | X5S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C61C226ME01 | 22 uF                    | 16Vdc                | X5S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C61E226ME01 | 22 uF                    | 25Vdc                | X5S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C80G226ME15 | 22 uF                    | 4Vdc                 | X6S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C80J226ME01 | 22 uF                    | 6.3Vdc               | X6S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C80J226ME15 | 22 uF                    | 6.3Vdc               | X6S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C81A226ME01 | 22 uF                    | 10Vdc                | X6S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188D70E226ME01 | 22 uF                    | 2.5Vdc               | X7T (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188D70G226ME01 | 22 uF                    | 4Vdc                 | X7T (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188D70J226ME01 | 22 uF                    | 6.3Vdc               | X7T (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60G226MEA0 | 22 uF                    | 4Vdc                 | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60J226ME15 | 22 uF                    | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60J226MEA0 | 22 uF                    | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R61A226ME15 | 22 uF                    | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C80E476ME05 | 47 uF                    | 2.5Vdc               | X6S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188C80G476ME01 | 47 uF                    | 4Vdc                 | X6S (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188D70E476ME01 | 47 uF                    | 2.5Vdc               | X7T (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60E476ME15 | 47 uF                    | 2.5Vdc               | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60G476ME01 | 47 uF                    | 4Vdc                 | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60G476ME15 | 47 uF                    | 4Vdc                 | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60J476ME01 | 47 uF                    | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM188R60J476ME15 | 47 uF                    | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21A5C2E100FW01 | 10 pF                    | 250Vdc               | COG (EIA)                      | 0805 (2012M)           | 1                   | ±1%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM21A5C2E100GW01 | 10 pF                    | 250Vdc               | COG (EIA)                      | 0805 (2012M)           | 1                   | ±2%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM21A5C2E100JW01 | 10 pF                    | 250Vdc               | COG (EIA)                      | 0805 (2012M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM21A5C2J100FWA1 | 10 pF                    | 630Vdc               | COG (EIA)                      | 0805 (2012M)           | 1                   | ±1%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM21A5C2J100GWA1 | 10 pF                    | 630Vdc               | COG (EIA)                      | 0805 (2012M)           | 1                   | ±2%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM21A5C2J100JWA1 | 10 pF                    | 630Vdc               | COG (EIA)                      | 0805 (2012M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM21A5C2E120FW01 | 12 pF                    | 250Vdc               | COG (EIA)                      | 0805 (2012M)           | 1                   | ±1%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM21A5C2E120GW01 | 12 pF                    | 250Vdc               | COG (EIA)                      | 0805 (2012M)           | 1                   | ±2%                      | 200V and over/ General Purpose | 100 MHz                               |

| Part Number        | Capacitance (Nominal) | Rated Voltage | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type                           | Frequency Range (simulation model) |
|--------------------|-----------------------|---------------|-----------------------------|-----------------------|------------------|-----------------------|--------------------------------|------------------------------------|
| GRM21A5C2E120JW01  | 12 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J120FWA1  | 12 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J120GWA1  | 12 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J120JWA1  | 12 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E150F0W01 | 15 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E150G0W01 | 15 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E150J0W01 | 15 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J150FWA1  | 15 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J150GWA1  | 15 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J150JWA1  | 15 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E180F0W01 | 18 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E180G0W01 | 18 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E180J0W01 | 18 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J180FWA1  | 18 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J180GWA1  | 18 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J180JWA1  | 18 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E220F0W01 | 22 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E220G0W01 | 22 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E220J0W01 | 22 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J220FWA1  | 22 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J220GWA1  | 22 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J220JWA1  | 22 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E270F0W01 | 27 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E270G0W01 | 27 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E270J0W01 | 27 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J270FWA1  | 27 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J270GWA1  | 27 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J270JWA1  | 27 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E330F0W01 | 33 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E330G0W01 | 33 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E330J0W01 | 33 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J330FWA1  | 33 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J330GWA1  | 33 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J330JWA1  | 33 pF                 | 630Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E390F0W01 | 39 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E390G0W01 | 39 pF                 | 250Vdc        | COG (EIA)                   | 0805 (2012M)          | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E390J0W01 | 39 pF                 | 250Vdc        | COG (EIA                    |                       |                  |                       |                                |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage | Temperature Characteristics | Size Code (inches (mm)) | T size (mm Max.) | Capacitance Tolerance | Type                           | Frequency Range (simulation model) |
|-------------------|-----------------------|---------------|-----------------------------|-------------------------|------------------|-----------------------|--------------------------------|------------------------------------|
| GRM21A5C2J391GWA1 | 390 pF                | 630Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J391JWA1 | 390 pF                | 630Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A7U2E391JW31 | 390 pF                | 250Vdc        | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E471FWA1 | 470 pF                | 250Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E471GWA1 | 470 pF                | 250Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E471JWA1 | 470 pF                | 250Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J471FWA1 | 470 pF                | 630Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J471GWA1 | 470 pF                | 630Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J471JWA1 | 470 pF                | 630Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A7U2E471JW31 | 470 pF                | 250Vdc        | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E561FWA1 | 560 pF                | 250Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E561GWA1 | 560 pF                | 250Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E561JWA1 | 560 pF                | 250Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J561FWA1 | 560 pF                | 630Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J561GWA1 | 560 pF                | 630Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2J561JWA1 | 560 pF                | 630Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A7U2E561JW31 | 560 pF                | 250Vdc        | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E681FWA1 | 680 pF                | 250Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E681GWA1 | 680 pF                | 250Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E681JWA1 | 680 pF                | 250Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A7U2E681JW31 | 680 pF                | 250Vdc        | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21B5C2J681FWA3 | 680 pF                | 630Vdc        | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21B5C2J681GWA3 | 680 pF                | 630Vdc        | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21B5C2J681JWA3 | 680 pF                | 630Vdc        | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E821FWA1 | 820 pF                | 250Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E821GWA1 | 820 pF                | 250Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E821JWA1 | 820 pF                | 250Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A7U2E821JW31 | 820 pF                | 250Vdc        | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21B5C2J821FWA3 | 820 pF                | 630Vdc        | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21B5C2J821GWA3 | 820 pF                | 630Vdc        | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21B5C2J821JWA3 | 820 pF                | 630Vdc        | COG (EIA)                   | 0805 (2012M)            | 1.45             | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM21A5C2E102FWA1 | 1000 pF               | 250Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 1%                  | 200V and over/ General Purpose | 1 MHz ~ 1 GHz                      |
| GRM21A5C2E102GWA1 | 1000 pF               | 250Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 2%                  | 200V and over/ General Purpose | 1 MHz ~ 1 GHz                      |
| GRM21A5C2E102JWA1 | 1000 pF               | 250Vdc        | COG (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ General Purpose | 1 MHz ~ 1 GHz                      |
| GRM21A7U2E102JW31 | 1000 pF               | 250Vdc        | U2J (EIA)                   | 0805 (2012M)            | 1                | ± 5%                  | 200V and over/ General Purpose | 1 MHz ~ 3 GHz                      |
| GRM21AR72D102KW01 | 1000 pF               | 200Vdc        | X7R (EIA)                   | 0805 (2012M)            | 1                | ± 10%                 | 200V and over/ General Purpose | 100 Hz ~ 3 GHz                     |
| GRM21AR72E102KW01 |                       |               |                             |                         |                  |                       |                                |                                    |

| Part Number        | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type                           | Frequency Range (Simulation Model) |
|--------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|--------------------------------|------------------------------------|
| GRM21B5C2E103GWAA  | 10000 pF              | 250Vdc            | C0G (EIA)                   | 0805 (0121mm)         | 1.45            | ±5%                   | 200V and over/ General Purpose | 100 kHz – 1 GHz                    |
| GRM21B5C2E103JWAA  | 10000 pF              | 250Vdc            | C0G (EIA)                   | 0805 (0121mm)         | 1.45            | ±5%                   | 200V and over/ General Purpose | 100 kHz – 1 GHz                    |
| GRM21BR7D103KW03   | 10000 pF              | 200Vdc            | X7R (EIA)                   | 0805 (0121mm)         | 1.45            | ±10%                  | 200V and over/ General Purpose | 100 Hz – 3 GHz                     |
| GRM21BR7E103KW03   | 10000 pF              | 250Vdc            | X7R (EIA)                   | 0805 (0121mm)         | 1.45            | ±10%                  | 200V and over/ General Purpose | 100 Hz – 3 GHz                     |
| GRM21BR71H103KW09  | 10000 pF              | 500Vdc            | X7R (EIA)                   | 0805 (0121mm)         | 1.45            | ±10%                  | 200V and over/ General Purpose | 100 Hz – 3 GHz                     |
| GRM21BR7L1U103KW01 | 10000 pF              | 500Vdc            | X7R (EIA)                   | 0805 (0121mm)         | 1.45            | ±10%                  | 200V and over/ General Purpose | 100 Hz – 3 GHz                     |
| GRM21BR7D153KW03   | 15000 pF              | 200Vdc            | X7R (EIA)                   | 0805 (0121mm)         | 1.45            | ±10%                  | 200V and over/ General Purpose | 100 Hz – 3 GHz                     |
| GRM21BR7E153KW03   | 15000 pF              | 250Vdc            | X7R (EIA)                   | 0805 (0121mm)         | 1.45            | ±10%                  | 200V and over/ General Purpose | 100 Hz – 3 GHz                     |
| GRM21BR7D223KW03   | 22000 pF              | 200Vdc            | X7R (EIA)                   | 0805 (0121mm)         | 1.45            | ±10%                  | 200V and over/ General Purpose | 100 Hz – 3 GHz                     |
| GRM21BR7E223KW03   | 22000 pF              | 250Vdc            | X7R (EIA)                   | 0805 (0121mm)         | 1.45            | ±10%                  | 200V and over/ General Purpose | 100 Hz – 3 GHz                     |
| GRM2162C2A101JA01  | 100 pF                | 100Vdc            | CH (JIS)                    | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2165C2A101JA01  | 100 pF                | 100Vdc            | C0G (EIA)                   | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2162C2A121JA01  | 120 pF                | 100Vdc            | CH (JIS)                    | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2165C2A121JA01  | 120 pF                | 100Vdc            | C0G (EIA)                   | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2162C2A151JA01  | 150 pF                | 100Vdc            | CH (JIS)                    | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2165C2A151JA01  | 150 pF                | 100Vdc            | C0G (EIA)                   | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2162C2A181JA01  | 180 pF                | 100Vdc            | CH (JIS)                    | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2165C2A181JA01  | 180 pF                | 100Vdc            | C0G (EIA)                   | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2162C2A221JA01  | 220 pF                | 100Vdc            | CH (JIS)                    | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2165C2A221JA01  | 220 pF                | 100Vdc            | C0G (EIA)                   | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2162C2A271JA01  | 270 pF                | 100Vdc            | CH (JIS)                    | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2165C2A271JA01  | 270 pF                | 100Vdc            | C0G (EIA)                   | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2162C2A331JA01  | 330 pF                | 100Vdc            | CH (JIS)                    | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2165C1H331JA01  | 330 pF                | 50Vdc             | C0G (EIA)                   | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2165C2A331JA01  | 330 pF                | 100Vdc            | C0G (EIA)                   | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2162C2A391JA01  | 390 pF                | 100Vdc            | CH (JIS)                    | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2165C2A391JA01  | 390 pF                | 100Vdc            | C0G (EIA)                   | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2162C2A471JA01  | 470 pF                | 100Vdc            | CH (JIS)                    | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2165C1H471JA01  | 470 pF                | 50Vdc             | C0G (EIA)                   | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2165C2A471JA01  | 470 pF                | 100Vdc            | C0G (EIA)                   | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2162C2A561JA01  | 560 pF                | 100Vdc            | CH (JIS)                    | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2165C2A561JA01  | 560 pF                | 100Vdc            | C0G (EIA)                   | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2162C2A681JA01  | 680 pF                | 100Vdc            | CH (JIS)                    | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2165C2A681JA01  | 680 pF                | 100Vdc            | C0G (EIA)                   | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2162C2A821JA01  | 820 pF                | 100Vdc            | CH (JIS)                    | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2165C2A821JA01  | 820 pF                | 100Vdc            | C0G (EIA)                   | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 100 MHz – 8.5 GHz                  |
| GRM2162C2A102JA01  | 1000 pF               | 100Vdc            | CH (JIS)                    | 0805 (0121mm)         | 0.7             | ±5%                   | General Purpose                | 1 MHz – 6 GHz                      |
| GRM2165C1H102JA01  | 1000 pF               |                   |                             |                       |                 |                       |                                |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max.) | Capacitance Tolerance | Type            | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|-----------------|------------------------------------|
| GRM2195C2A123JA01 | 12000 pF              | 100Vdc            | C0G (EIA)                   | 0805 (2012M)        | 0.95             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2161X1H153JA01 | 15000 pF              | 50Vdc             | SL (JIS)                    | 0805 (2012M)        | 0.7              | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2163U1H153JA01 | 15000 pF              | 50Vdc             | UJ (JIS)                    | 0805 (2012M)        | 0.7              | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2165C2A153GA01 | 15000 pF              | 100Vdc            | C0G (EIA)                   | 0805 (2012M)        | 0.65             | ±2%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2165C2A153JA01 | 15000 pF              | 100Vdc            | C0G (EIA)                   | 0805 (2012M)        | 0.65             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2167U1H153JA01 | 15000 pF              | 50Vdc             | U2J (EIA)                   | 0805 (2012M)        | 0.7              | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2192C1H153JA01 | 15000 pF              | 50Vdc             | CH (JIS)                    | 0805 (2012M)        | 0.95             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2192C2A153JA01 | 15000 pF              | 100Vdc            | CH (JIS)                    | 0805 (2012M)        | 0.95             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2195C1H153JA01 | 15000 pF              | 50Vdc             | C0G (EIA)                   | 0805 (2012M)        | 0.95             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2195C2A153JA01 | 15000 pF              | 100Vdc            | C0G (EIA)                   | 0805 (2012M)        | 0.95             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM219771H153KA01 | 15000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.95             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219771H153MA01 | 15000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.95             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR72A153KA01 | 15000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.35             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM2161X1H183JA01 | 18000 pF              | 50Vdc             | SL (JIS)                    | 0805 (2012M)        | 0.7              | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2163U1H183JA01 | 18000 pF              | 50Vdc             | UJ (JIS)                    | 0805 (2012M)        | 0.7              | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2165C1H183GA01 | 18000 pF              | 50Vdc             | C0G (EIA)                   | 0805 (2012M)        | 0.65             | ±2%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2165C1H183JA01 | 18000 pF              | 50Vdc             | C0G (EIA)                   | 0805 (2012M)        | 0.65             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2167U1H183JA01 | 18000 pF              | 50Vdc             | U2J (EIA)                   | 0805 (2012M)        | 0.7              | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM21B2C1H183JA01 | 18000 pF              | 50Vdc             | CH (JIS)                    | 0805 (2012M)        | 1.35             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM21B2C2A183JA01 | 18000 pF              | 100Vdc            | CH (JIS)                    | 0805 (2012M)        | 1.35             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM21B5C1H183JA01 | 18000 pF              | 50Vdc             | C0G (EIA)                   | 0805 (2012M)        | 1.35             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM21B5C2A183JA01 | 18000 pF              | 100Vdc            | C0G (EIA)                   | 0805 (2012M)        | 1.35             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2161XA223JA01  | 22000 pF              | 10Vdc             | SL (JIS)                    | 0805 (2012M)        | 0.7              | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2165C1H223GA01 | 22000 pF              | 50Vdc             | C0G (EIA)                   | 0805 (2012M)        | 0.65             | ±2%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2165C1H223JA01 | 22000 pF              | 50Vdc             | C0G (EIA)                   | 0805 (2012M)        | 0.65             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2167U1A223JA01 | 22000 pF              | 10Vdc             | U2J (EIA)                   | 0805 (2012M)        | 0.7              | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM216R71H223KA01 | 22000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7              | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM216R71H223MA01 | 22000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 0.7              | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM2191X1H223JA01 | 22000 pF              | 50Vdc             | SL (JIS)                    | 0805 (2012M)        | 0.95             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2193U1H223JA01 | 22000 pF              | 50Vdc             | UJ (JIS)                    | 0805 (2012M)        | 0.95             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM2197U1H223JA01 | 22000 pF              | 50Vdc             | UJ (JIS)                    | 0805 (2012M)        | 0.95             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM219771H223KA17 | 22000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1                | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219771H223MA17 | 22000 pF              | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1                | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21B2C1H223JA01 | 22000 pF              | 50Vdc             | CH (JIS)                    | 0805 (2012M)        | 1.35             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM21B2C2A223JA01 | 22000 pF              | 100Vdc            | CH (JIS)                    | 0805 (2012M)        | 1.35             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM21B5C1H223JA01 | 22000 pF              | 50Vdc             | C0G (EIA)                   | 0805 (2012M)        | 1.35             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM21B5C2A223JA01 | 22000 pF              | 100Vdc            | C0G (EIA)                   | 0805 (2012M)        | 1.35             | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM21BR72A223KA01 | 22000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.35             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR72A223MA01 | 22000 pF              | 100Vdc            | X7R (E                      |                     |                  |                       |                 |                                    |

| Part Number       | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max.) | Capacitance<br>Tolerance | Type            | Frequency Range<br>(simulation model) |
|-------------------|--------------------------|----------------------|--------------------------------|------------------------|---------------------|--------------------------|-----------------|---------------------------------------|
| GRM21BR11E154MA01 | 150000 pF                | 25Vdc                | R (JIS)                        | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71E154KA01 | 150000 pF                | 25Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71H154KA01 | 150000 pF                | 50Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R71E224MA01 | 220000 pF                | 25Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21AR72A224KAC5 | 220000 pF                | 100Vdc               | X7R (EIA)                      | 0805 (2012M)           | 1                   | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21AR72A224MAC5 | 220000 pF                | 100Vdc               | X7R (EIA)                      | 0805 (2012M)           | 1                   | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB11C224KA01 | 220000 pF                | 16Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB11C224MA01 | 220000 pF                | 16Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB11E224KA01 | 220000 pF                | 25Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB11E224MA01 | 220000 pF                | 25Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB31H224KA88 | 220000 pF                | 50Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB31H224MA88 | 220000 pF                | 50Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR11C224KA01 | 220000 pF                | 16Vdc                | R (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR11C224MA01 | 220000 pF                | 16Vdc                | R (JIS)                        | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR11E224KA01 | 220000 pF                | 25Vdc                | R (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR11E224MA01 | 220000 pF                | 25Vdc                | R (JIS)                        | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71C224KA01 | 220000 pF                | 16Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71C224MA01 | 220000 pF                | 16Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71E224KA01 | 220000 pF                | 25Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71E224MA01 | 220000 pF                | 25Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71H224KA01 | 220000 pF                | 50Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71H224MA01 | 220000 pF                | 50Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219B31H334KA87 | 330000 pF                | 50Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 kHz - 6 GHz                       |
| GRM219B31H334MA87 | 330000 pF                | 50Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 kHz - 6 GHz                       |
| GRM219R71C334KA88 | 330000 pF                | 16Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 kHz - 6 GHz                       |
| GRM219R71H334KA88 | 330000 pF                | 50Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 kHz - 6 GHz                       |
| GRM21AR72A334KAC5 | 330000 pF                | 100Vdc               | X7R (EIA)                      | 0805 (2012M)           | 1                   | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB11E334KA01 | 330000 pF                | 25Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71E334KA01 | 330000 pF                | 25Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219B31E474KA88 | 470000 pF                | 25Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219B31E474MA88 | 470000 pF                | 25Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R11E474KA88 | 470000 pF                | 25Vdc                | R (JIS)                        | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R11E474MA88 | 470000 pF                | 25Vdc                | R (JIS)                        | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R71C474KA01 | 470000 pF                | 16Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R71E474KA88 | 470000 pF                | 25Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R71E474MA88 | 470000 pF                | 25Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB31H474KA87 | 470000 pF                | 50Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB31H474MA87 | 470000 pF                | 50Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR61C474KA01 | 470000 pF                | 16Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71C474KA01 | 470000 pF                | 16Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71H474KA88 | 470000 pF                | 50Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71H474MA88 | 470000 pF                | 50Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR72A474KA73 | 470000 pF                | 100Vdc               | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR72A474MA73 | 470000 pF                | 100Vdc               | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219B11C684KA01 | 680000 pF                | 16Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219B31E684KA88 | 680000 pF                | 25Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R11C684KA01 | 680000 pF                | 16Vdc                | R (JIS)                        | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R71C684KA01 | 680000 pF                | 16Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R71E684KA88 | 680000 pF                | 25Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB31H684KA01 | 680000 pF                | 50Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB31H684MA01 | 680000 pF                | 50Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR11E684KA88 | 680000 pF                | 25Vdc                | R (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM216B31C105KA87 | 1 uF                     | 16Vdc                | B (JIS)                        | 0805 (2012M)           | 0.7                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM216B31E105KA75 | 1 uF                     | 25Vdc                | B (JIS)                        | 0805 (2012M)           | 0.7                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM216C81C105KA12 | 1 uF                     | 16Vdc                | X6S (EIA)                      | 0805 (2012M)           | 0.7                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM216D71C105KA12 | 1 uF                     | 16Vdc                | X7T (EIA)                      | 0805 (2012M)           | 0.7                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM216D71C105MA12 | 1 uF                     | 16Vdc                | X7T (EIA)                      | 0805 (2012M)           | 0.7                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM216R61C105KA88 | 1 uF                     | 16Vdc                | X5R (EIA)                      | 0805 (2012M)           | 0.7                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM216R61E105KA12 | 1 uF                     | 25Vdc                | X5R (EIA)                      | 0805 (2012M)           | 0.7                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219B11A105KA01 | 1 uF                     | 10Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219B31E105KA88 | 1 uF                     | 25Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219B31H105KA73 | 1 uF                     | 50Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219B31H105MA73 | 1 uF                     | 50Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R61A105KA01 | 1 uF                     | 10Vdc                | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R61H105KA73 | 1 uF                     | 50Vdc                | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R61H105MA73 | 1 uF                     | 50Vdc                | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R71E105KA88 | 1 uF                     | 25Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R71A105KA12 | 1 uF                     | 35Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R71A105MA12 | 1 uF                     | 35Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB10J105KC01 | 1 uF                     | 6.3Vdc               | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB11A105KA01 | 1 uF                     | 10Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB11C105KA01 | 1 uF                     | 16Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB31E105KA98 | 1 uF                     | 25Vdc                | B (JIS)                        | 0805 (2012M)           | 1.4                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB31H105KA12 | 1 uF                     | 50Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB31H105MA12 | 1 uF                     | 50Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BC72A105KE01 | 1 uF                     | 100Vdc               | X7S (EIA)                      | 0805 (2012M)           | 1.45                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR10J105KC01 | 1 uF                     | 6.3Vdc               | R (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR11A105KA01 | 1 uF                     | 10Vdc                | R (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR11C105KA01 | 1 uF                     | 16Vdc                | R (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR11E105KA99 | 1 uF                     | 25Vdc                | R (JIS)                        | 0805 (2012M)           | 1.4                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR61A105KA01 | 1 uF                     | 10Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR61C105KA01 | 1 uF                     | 16Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR61H105KA12 | 1 uF                     | 50Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71A105KA01 | 1 uF                     | 10Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71C105KA01 | 1 uF                     | 16Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71E105KA99 | 1 uF                     | 25Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BR71H105KA12 | 1 uF                     | 50Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219B11A225KA01 | 2.2 uF                   | 10Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219B31C225KA87 | 2.2 uF                   | 16Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219B31E225KA75 | 2.2 uF                   | 25Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219B31E225MA75 | 2.2 uF                   | 25Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219B31H225KE15 | 2.2 uF                   | 50Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219B31H225ME15 | 2.2 uF                   | 50Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219C81C225KA12 | 2.2 uF                   | 16Vdc                | X6S (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219C81E225KE15 | 2.2 uF                   | 25Vdc                | X6S (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219C81E225ME15 | 2.2 uF                   | 25Vdc                | X6S (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219C8YA225KE15 | 2.2 uF                   | 35Vdc                | X6S (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219C8YA225ME15 | 2.2 uF                   | 35Vdc                | X6S (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219D71C225KA12 | 2.2 uF                   | 16Vdc                | X7T (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219D71C225MA12 | 2.2 uF                   | 16Vdc                | X7T (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R61A225KA01 | 2.2 uF                   | 10Vdc                | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R61C225KA88 | 2.2 uF                   | 16Vdc                | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R61E225KA12 | 2.2 uF                   | 25Vdc                | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R61E225MA12 | 2.2 uF                   | 25Vdc                | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R61H225KE15 | 2.2 uF                   | 50Vdc                | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R61H225ME15 | 2.2 uF                   | 50Vdc                | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R61H225MA15 | 2.2 uF                   | 50Vdc                | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R71A225KE15 | 2.2 uF                   | 10Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R71A225ME15 | 2.2 uF                   | 10Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R71C225KE15 | 2.2 uF                   | 16Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM219R71C225MA15 | 2.2 uF                   | 16Vdc                | X7R (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB10J225KA01 | 2.2 uF                   | 6.3Vdc               | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB11A225KA01 | 2.2 uF                   | 10Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB11A225MA01 | 2.2 uF                   | 10Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB31C225KA87 | 2.2 uF                   | 16Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM21BB31E225KA75 | 2.2 uF                   | 25Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±1                       |                 |                                       |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code inch (mm) | T size (mm Max) | Capacitance Tolerance | Type            | Frequency Range (Simulation Model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-----------------|------------------------------------|
| GRM21BB31H225MA73 | 2.2 uF                | 50Vdc             | B (JIS)                     | 0805 (2012M)        | 1.4             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BC71E225KE11 | 2.2 uF                | 25Vdc             | X7S (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BC71E225ME11 | 2.2 uF                | 25Vdc             | X7S (EIA)                   | 0805 (2012M)        | 1.4             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BC81E225KA12 | 2.2 uF                | 25Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BC8YA225KA73 | 2.2 uF                | 35Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BC8YA225MA73 | 2.2 uF                | 35Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.4             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BD71H225KE01 | 2.2 uF                | 50Vdc             | X7T (EIA)                   | 0805 (2012M)        | 1.45            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BD72A225KE01 | 2.2 uF                | 100Vdc            | X7T (EIA)                   | 0805 (2012M)        | 1.45            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BD72A225ME01 | 2.2 uF                | 100Vdc            | X7T (EIA)                   | 0805 (2012M)        | 1.45            | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR60J225KA01 | 2.2 uF                | 6.3Vdc            | X5R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR61A225KA01 | 2.2 uF                | 10Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR61A225MA01 | 2.2 uF                | 10Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.35            | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR61C225KA88 | 2.2 uF                | 16Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR61E225KA12 | 2.2 uF                | 25Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR61H225KA73 | 2.2 uF                | 50Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR70J225KA01 | 2.2 uF                | 6.3Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR71A225KA01 | 2.2 uF                | 10Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR71A225MA01 | 2.2 uF                | 10Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.35            | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR71C225KA12 | 2.2 uF                | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR71C225MA12 | 2.2 uF                | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.35            | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR71E225KA73 | 2.2 uF                | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR71E225KE11 | 2.2 uF                | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM21BR71E225ME11 | 2.2 uF                | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219R61A335KE19 | 3.3 uF                | 10Vdc             | X5R (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219B30J475KE18 | 4.7 uF                | 6.3Vdc            | B (JIS)                     | 0805 (2012M)        | 0.95            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219B31A475KE33 | 4.7 uF                | 10Vdc             | B (JIS)                     | 0805 (2012M)        | 0.95            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219B31A475ME33 | 4.7 uF                | 10Vdc             | B (JIS)                     | 0805 (2012M)        | 0.95            | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219B31C475KE15 | 4.7 uF                | 16Vdc             | B (JIS)                     | 0805 (2012M)        | 0.95            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219C80J475KE19 | 4.7 uF                | 6.3Vdc            | X6S (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219C81A475KE34 | 4.7 uF                | 10Vdc             | X6S (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219C81A475ME34 | 4.7 uF                | 10Vdc             | X6S (EIA)                   | 0805 (2012M)        | 0.95            | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219C81C475KA73 | 4.7 uF                | 16Vdc             | X6S (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219C81C475MA73 | 4.7 uF                | 16Vdc             | X6S (EIA)                   | 0805 (2012M)        | 0.95            | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219D71A475KE15 | 4.7 uF                | 10Vdc             | X7T (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219D71A475ME15 | 4.7 uF                | 10Vdc             | X7T (EIA)                   | 0805 (2012M)        | 0.95            | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219R60J475KE19 | 4.7 uF                | 6.3Vdc            | X5R (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219R61A475KE34 | 4.7 uF                | 10Vdc             | X5R (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219R61A475ME34 | 4.7 uF                | 10Vdc             | X5R (EIA)                   | 0805 (2012M)        | 0.95            | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM219R61C475KE15 | 4.7 uF                | 16Vdc             | X5R (EIA)                   | 0805                |                 |                       |                 |                                    |

| Part Number       | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max.) | Capacitance<br>Tolerance | Type                           | Frequency Range<br>(simulation model) |
|-------------------|--------------------------|----------------------|--------------------------------|------------------------|---------------------|--------------------------|--------------------------------|---------------------------------------|
| GRM21BB30J106ME18 | 10 uF                    | 6.3Vdc               | B (JIS)                        | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BB31A106KE18 | 10 uF                    | 10Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BB31A106ME18 | 10 uF                    | 10Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BB31C106KE15 | 10 uF                    | 16Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BB31C106ME15 | 10 uF                    | 16Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BB31D106KE15 | 10 uF                    | 20Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BB31D106ME15 | 10 uF                    | 20Vdc                | B (JIS)                        | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BB31E106KA73 | 10 uF                    | 25Vdc                | B (JIS)                        | 0805 (2012M)           | 1.4                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BB31E106MA73 | 10 uF                    | 25Vdc                | B (JIS)                        | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC70G106KE45 | 10 uF                    | 4Vdc                 | X7S (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC71C106KE11 | 10 uF                    | 16Vdc                | X7S (EIA)                      | 0805 (2012M)           | 1.45                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC71C106ME11 | 10 uF                    | 16Vdc                | X7S (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC71E106KE01 | 10 uF                    | 25Vdc                | X7S (EIA)                      | 0805 (2012M)           | 1.45                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC71E106KE11 | 10 uF                    | 25Vdc                | X7S (EIA)                      | 0805 (2012M)           | 1.45                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC71E106ME01 | 10 uF                    | 25Vdc                | X7S (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC71E106ME11 | 10 uF                    | 25Vdc                | X7S (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC80G106KE01 | 10 uF                    | 4Vdc                 | X6S (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC80G106ME19 | 10 uF                    | 4Vdc                 | X6S (EIA)                      | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC80J106KE19 | 10 uF                    | 6.3Vdc               | X6S (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC80J106ME19 | 10 uF                    | 6.3Vdc               | X6S (EIA)                      | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC81A106KE18 | 10 uF                    | 10Vdc                | X6S (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC81A106ME18 | 10 uF                    | 10Vdc                | X6S (EIA)                      | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC81C106KA73 | 10 uF                    | 16Vdc                | X6S (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC81C106KE15 | 10 uF                    | 16Vdc                | X6S (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC81C106MA73 | 10 uF                    | 16Vdc                | X6S (EIA)                      | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC81C106ME15 | 10 uF                    | 16Vdc                | X6S (EIA)                      | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC81E106KE51 | 10 uF                    | 25Vdc                | X6S (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC81E106ME51 | 10 uF                    | 25Vdc                | X6S (EIA)                      | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC8YA106KE11 | 10 uF                    | 35Vdc                | X6S (EIA)                      | 0805 (2012M)           | 1.45                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC8YA106ME11 | 10 uF                    | 35Vdc                | X6S (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR60J106KE19 | 10 uF                    | 6.3Vdc               | X5R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR60J106ME19 | 10 uF                    | 6.3Vdc               | X5R (EIA)                      | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR61A106KE19 | 10 uF                    | 10Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR61A106ME19 | 10 uF                    | 10Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR61C106KE15 | 10 uF                    | 16Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR61C106ME15 | 10 uF                    | 16Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR61D106KE15 | 10 uF                    | 20Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.35                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR61D106ME15 | 10 uF                    | 20Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.35                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR61E106KA73 | 10 uF                    | 25Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR61E106MA73 | 10 uF                    | 25Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR61H106KE43 | 10 uF                    | 50Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.45                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR61H106ME43 | 10 uF                    | 50Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR6YA106KE43 | 10 uF                    | 35Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.45                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR6YA106ME43 | 10 uF                    | 35Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR70J106KA73 | 10 uF                    | 6.3Vdc               | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR70J106KE76 | 10 uF                    | 6.3Vdc               | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR70J106MA73 | 10 uF                    | 6.3Vdc               | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR70J106ME76 | 10 uF                    | 6.3Vdc               | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR71A106KA73 | 10 uF                    | 10Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR71A106KE51 | 10 uF                    | 10Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR71A106MA73 | 10 uF                    | 10Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR71A106ME51 | 10 uF                    | 10Vdc                | X7R (EIA)                      | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BZ71C106KE15 | 10 uF                    | 16Vdc                | X7R (MURATA)                   | 0805 (2012M)           | 1.45                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BZ71C106ME15 | 10 uF                    | 16Vdc                | X7R (MURATA)                   | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BZ71E106KE15 | 10 uF                    | 25Vdc                | X7R (MURATA)                   | 0805 (2012M)           | 1.45                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM219B30G226ME66 | 22 uF                    | 4Vdc                 | B (JIS)                        | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM219B30J226ME47 | 22 uF                    | 6.3Vdc               | B (JIS)                        | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM219B30J226MEA0 | 22 uF                    | 6.3Vdc               | B (JIS)                        | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM219B31A226MEA0 | 22 uF                    | 10Vdc                | B (JIS)                        | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM219R60G226ME66 | 22 uF                    | 4Vdc                 | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM219R60J226ME47 | 22 uF                    | 6.3Vdc               | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM219R60J226MEA0 | 22 uF                    | 6.3Vdc               | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM219R61A226MEA0 | 22 uF                    | 10Vdc                | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM219R61C226ME15 | 22 uF                    | 16Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1                   | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BB30J226ME38 | 22 uF                    | 6.3Vdc               | B (JIS)                        | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BB31A226ME51 | 22 uF                    | 10Vdc                | B (JIS)                        | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC80G226ME39 | 22 uF                    | 4Vdc                 | X6S (EIA)                      | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC80J226ME51 | 22 uF                    | 6.3Vdc               | X6S (EIA)                      | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC81A226ME44 | 22 uF                    | 10Vdc                | X6S (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC81C226ME44 | 22 uF                    | 16Vdc                | X6S (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BD70J226ME44 | 22 uF                    | 6.3Vdc               | X7T (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BD71A226ME44 | 22 uF                    | 10Vdc                | X7T (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BE70G226ME51 | 22 uF                    | 4Vdc                 | X7U (EIA)                      | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR60J226ME39 | 22 uF                    | 6.3Vdc               | X5R (EIA)                      | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR61A226ME44 | 22 uF                    | 10Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR61A226ME51 | 22 uF                    | 10Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.4                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR61C226ME44 | 22 uF                    | 16Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR61E226ME44 | 22 uF                    | 25Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BZ70J226ME44 | 22 uF                    | 6.3Vdc               | X7R (MURATA)                   | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BZ71A226ME15 | 22 uF                    | 10Vdc                | X7R (MURATA)                   | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM219D80E476ME44 | 47 uF                    | 2.5Vdc               | X6T (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM219R60G476ME44 | 47 uF                    | 4Vdc                 | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM219R60J476ME44 | 47 uF                    | 6.3Vdc               | X5R (EIA)                      | 0805 (2012M)           | 0.95                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BB30G476ME15 | 47 uF                    | 4Vdc                 | B (JIS)                        | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BB30J476ME15 | 47 uF                    | 6.3Vdc               | B (JIS)                        | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC80G476ME15 | 47 uF                    | 4Vdc                 | X6S (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC80J476ME01 | 47 uF                    | 6.3Vdc               | X6S (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BD70E476ME01 | 47 uF                    | 2.5Vdc               | X7T (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BD80G476ME01 | 47 uF                    | 4Vdc                 | X6T (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR60G476ME01 | 47 uF                    | 4Vdc                 | X5R (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR60J476ME01 | 47 uF                    | 6.3Vdc               | X5R (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR60J476ME11 | 47 uF                    | 6.3Vdc               | X5R (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR61A476ME15 | 47 uF                    | 10Vdc                | X5R (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC80E107ME15 | 100 uF                   | 2.5Vdc               | X6S (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BC80G107ME15 | 100 uF                   | 4Vdc                 | X6S (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR60E107ME15 | 100 uF                   | 2.5Vdc               | X5R (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR60G107ME11 | 100 uF                   | 4Vdc                 | X5R (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM21BR60J107ME15 | 100 uF                   | 6.3Vdc               | X5R (EIA)                      | 0805 (2012M)           | 1.45                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM31A5C2J100FW01 | 10 pF                    | 630Vdc               | COG (EIA)                      | 1206 (3216M)           | 1                   | ±1%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A5C2J100GW01 | 10 pF                    | 630Vdc               | COG (EIA)                      | 1206 (3216M)           | 1                   | ±2%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A5C2J100JW01 | 10 pF                    | 630Vdc               | COG (EIA)                      | 1206 (3216M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A5C3A100FW01 | 10 pF                    | 1000Vdc              | COG (EIA)                      | 1206 (3216M)           | 1                   | ±1%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A5C3A100GW01 | 10 pF                    | 1000Vdc              | COG (EIA)                      | 1206 (3216M)           | 1                   | ±2%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A5C3A100JW01 | 10 pF                    | 1000Vdc              | COG (EIA)                      | 1206 (3216M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A7U2J100JW31 | 10 pF                    | 630Vdc               | U2J (EIA)                      | 1206 (3216M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A7U3A100JW31 | 10 pF                    | 1000Vdc              | U2J (EIA)                      | 1206 (3216M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A7U3D100JW31 | 10 pF                    | 2000Vdc              | U2J (EIA)                      | 1206 (3216M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A5C2J120FW01 | 12 pF                    | 630Vdc               | COG (EIA)                      | 1206 (3216M)           | 1                   | ±1%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A5C2J120GW01 | 12 pF                    | 630Vdc               | COG (EIA)                      | 1206 (3216M)           | 1                   | ±2%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A5C2J120JW01 | 12 pF                    | 630Vdc               | COG (EIA)                      | 1206 (3216M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A5C3A120FW01 | 12 pF                    | 1000Vdc              | COG (EIA)                      | 1206 (3216M)           | 1                   | ±1%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A5C3A120GW01 | 12 pF                    | 1000Vdc              | COG (EIA)                      | 1206 (3216M)           | 1                   | ±2%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A5C3A120JW01 | 12 pF                    | 1000Vdc              | COG (EIA)                      | 1206 (3216M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A7U2J120JW31 | 12 pF                    | 630Vdc               | U2J (EIA)                      | 1206 (3216M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A7U3A120JW31 | 12 pF                    | 1000Vdc              | U2J (EIA)                      | 1206 (3216M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A7U3D120JW31 | 12 pF                    | 2000Vdc              | U2J (EIA)                      | 1206 (3216M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM31A5C2J150FW01 |                          |                      |                                |                        |                     |                          |                                |                                       |

| Part Number        | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type                           | Frequency Range (simulation model) |
|--------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|--------------------------------|------------------------------------|
| GRM31A5C2J150GW01  | 15 pF                 | 630Vdc            | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C2J150JW01  | 15 pF                 | 630Vdc            | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C3A150FW01  | 15 pF                 | 1000Vdc           | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C3A150GW01  | 15 pF                 | 1000Vdc           | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C3A150JW01  | 15 pF                 | 1000Vdc           | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A7U2J150JWJ31 | 15 pF                 | 630Vdc            | U2J (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A7U3A150JWJ31 | 15 pF                 | 1000Vdc           | U2J (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A7U3D150JWJ31 | 15 pF                 | 2000Vdc           | U2J (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C2J180FW01  | 18 pF                 | 630Vdc            | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C2J180GW01  | 18 pF                 | 630Vdc            | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C2J180JW01  | 18 pF                 | 630Vdc            | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C3A180FW01  | 18 pF                 | 1000Vdc           | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C3A180GW01  | 18 pF                 | 1000Vdc           | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C3A180JW01  | 18 pF                 | 1000Vdc           | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A7U2J180JWJ31 | 18 pF                 | 630Vdc            | U2J (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A7U3A180JWJ31 | 18 pF                 | 1000Vdc           | U2J (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A7U3D180JWJ31 | 18 pF                 | 2000Vdc           | U2J (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C2J220FW01  | 22 pF                 | 630Vdc            | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C2J220GW01  | 22 pF                 | 630Vdc            | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C2J220JW01  | 22 pF                 | 630Vdc            | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C3A220FW01  | 22 pF                 | 1000Vdc           | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C3A220GW01  | 22 pF                 | 1000Vdc           | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C3A220JW01  | 22 pF                 | 1000Vdc           | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A7U2J220JWJ31 | 22 pF                 | 630Vdc            | U2J (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A7U3A220JWJ31 | 22 pF                 | 1000Vdc           | U2J (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A7U3D220JWJ31 | 22 pF                 | 2000Vdc           | U2J (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C2J270FW01  | 27 pF                 | 630Vdc            | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C2J270GW01  | 27 pF                 | 630Vdc            | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C2J270JW01  | 27 pF                 | 630Vdc            | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C3A270FW01  | 27 pF                 | 1000Vdc           | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C3A270GW01  | 27 pF                 | 1000Vdc           | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 2%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C3A270JW01  | 27 pF                 | 1000Vdc           | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A7U2J270JWJ31 | 27 pF                 | 630Vdc            | U2J (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A7U3A270JWJ31 | 27 pF                 | 1000Vdc           | U2J (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A7U3D270JWJ31 | 27 pF                 | 2000Vdc           | U2J (EIA)                   | 1206 (3216mm)         | 1                | ± 5%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C2J330FW01  | 33 pF                 | 630Vdc            | C0G (EIA)                   | 1206 (3216mm)         | 1                | ± 1%                  | 200V and over/ General Purpose | 100 MHz ~ 3 GHz                    |
| GRM31A5C2J330GW01  |                       |                   |                             |                       |                  |                       |                                |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max.) | Capacitance Tolerance | Type                           | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|--------------------------------|------------------------------------|
| GRM31A5C3A181JW01 | 180 pF                | 1000Vdc           | C0G (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A7U2J181JW31 | 180 pF                | 630Vdc            | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A7U3A181JW31 | 180 pF                | 1000Vdc           | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C2J221FW01 | 220 pF                | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C2J221GW01 | 220 pF                | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C2J221JW01 | 220 pF                | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C3A221FW01 | 220 pF                | 1000Vdc           | C0G (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C3A221GW01 | 220 pF                | 1000Vdc           | C0G (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C3A221JW01 | 220 pF                | 1000Vdc           | C0G (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A7U2J221JW31 | 220 pF                | 630Vdc            | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A7U3A221JW31 | 220 pF                | 1000Vdc           | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C2J271FW01 | 270 pF                | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C2J271GW01 | 270 pF                | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C2J271JW01 | 270 pF                | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C3A271FWA1 | 270 pF                | 1000Vdc           | C0G (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C3A271GWA1 | 270 pF                | 1000Vdc           | C0G (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C3A271JWA1 | 270 pF                | 1000Vdc           | C0G (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A7U2J271JW31 | 270 pF                | 630Vdc            | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A7U3A271JW31 | 270 pF                | 1000Vdc           | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C2J331FW01 | 330 pF                | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C2J331GW01 | 330 pF                | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C2J331JW01 | 330 pF                | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C3A331FWA1 | 330 pF                | 1000Vdc           | C0G (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C3A331GWA1 | 330 pF                | 1000Vdc           | C0G (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C3A331JWA1 | 330 pF                | 1000Vdc           | C0G (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A7U2J331JW31 | 330 pF                | 630Vdc            | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A7U3A331JW31 | 330 pF                | 1000Vdc           | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C2J391FW01 | 390 pF                | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C2J391GW01 | 390 pF                | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C2J391JW01 | 390 pF                | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C3A391FWA1 | 390 pF                | 1000Vdc           | C0G (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C3A391GWA1 | 390 pF                | 1000Vdc           | C0G (EIA)                   | 1206 (3216M)        | 1                | ±2%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C3A391JWA1 | 390 pF                | 1000Vdc           | C0G (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A7U2J391JW31 | 390 pF                | 630Vdc            | U2J (EIA)                   | 1206 (3216M)        | 1                | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31B7U3A391JW31 | 390 pF                | 1000Vdc           | U2J (EIA)                   | 1206 (3216M)        | 1.25             | ±5%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C2J471FW01 | 470 pF                | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1                | ±1%                   | 200V and over/ General Purpose | 100 MHz - 3 GHz                    |
| GRM31A5C2J471GW01 | 470 pF                | 630V              |                             |                     |                  |                       |                                |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max.) | Capacitance Tolerance | Type                           | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|------------------|-----------------------|--------------------------------|------------------------------------|
| GRM31AR72J472KW01 | 4700 pF               | 630Vdc            | X7R (EIA)                   | 1206 (3216M)        | 1                | ±10%                  | 200V and over/ General Purpose | 100 Hz - 3 GHz                     |
| GRM31BR72J472KW01 | 4700 pF               | 630Vdc            | X7R (EIA)                   | 1206 (3216M)        | 1.25             | ±10%                  | 200V and over/ General Purpose | 100 Hz - 3 GHz                     |
| GRM31BR73A472KW01 | 4700 pF               | 1000Vdc           | X7R (EIA)                   | 1206 (3216M)        | 1.25             | ±10%                  | 200V and over/ General Purpose | 100 Hz - 3 GHz                     |
| GRM31C5C2J472FWA3 | 4700 pF               | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8              | ±1%                   | 200V and over/ General Purpose | 100 kHz - 1 GHz                    |
| GRM31C5C2J472GWA3 | 4700 pF               | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8              | ±2%                   | 200V and over/ General Purpose | 100 kHz - 1 GHz                    |
| GRM31C5C2J472JWA3 | 4700 pF               | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8              | ±5%                   | 200V and over/ General Purpose | 100 kHz - 1 GHz                    |
| GRM31C7U2J472JW32 | 4700 pF               | 630Vdc            | U2J (EIA)                   | 1206 (3216M)        | 1.8              | ±5%                   | 200V and over/ General Purpose | 1 MHz - 3 GHz                      |
| GRM31C5C2J562FWA3 | 5600 pF               | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8              | ±1%                   | 200V and over/ General Purpose | 100 kHz - 1 GHz                    |
| GRM31C5C2J562GWA3 | 5600 pF               | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8              | ±2%                   | 200V and over/ General Purpose | 100 kHz - 1 GHz                    |
| GRM31C5C2J562JWA3 | 5600 pF               | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8              | ±5%                   | 200V and over/ General Purpose | 100 kHz - 1 GHz                    |
| GRM31AR72J682KW01 | 6800 pF               | 630Vdc            | X7R (EIA)                   | 1206 (3216M)        | 1                | ±10%                  | 200V and over/ General Purpose | 100 Hz - 3 GHz                     |
| GRM31B7U2E682JW31 | 6800 pF               | 250Vdc            | U2J (EIA)                   | 1206 (3216M)        | 1.25             | ±5%                   | 200V and over/ General Purpose | 1 MHz - 3 GHz                      |
| GRM31BR72J682KW01 | 6800 pF               | 630Vdc            | X7R (EIA)                   | 1206 (3216M)        | 1.25             | ±10%                  | 200V and over/ General Purpose | 100 Hz - 3 GHz                     |
| GRM31C5C2J682FWA3 | 6800 pF               | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8              | ±1%                   | 200V and over/ General Purpose | 100 kHz - 1 GHz                    |
| GRM31C5C2J682GWA3 | 6800 pF               | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8              | ±2%                   | 200V and over/ General Purpose | 100 kHz - 1 GHz                    |
| GRM31C5C2J682JWA3 | 6800 pF               | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8              | ±5%                   | 200V and over/ General Purpose | 100 kHz - 1 GHz                    |
| GRM31CR73A682KW03 | 6800 pF               | 1000Vdc           | X7R (EIA)                   | 1206 (3216M)        | 1.8              | ±10%                  | 200V and over/ General Purpose | 100 Hz - 3 GHz                     |
| GRM31B7U2E822JW31 | 8200 pF               | 250Vdc            | U2J (EIA)                   | 1206 (3216M)        | 1.25             | ±5%                   | 200V and over/ General Purpose | 1 MHz - 3 GHz                      |
| GRM31C5C2J822FWA3 | 8200 pF               | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8              | ±1%                   | 200V and over/ General Purpose | 100 kHz - 1 GHz                    |
| GRM31C5C2J822GWA3 | 8200 pF               | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8              | ±2%                   | 200V and over/ General Purpose | 100 kHz - 1 GHz                    |
| GRM31C5C2J822JWA3 | 8200 pF               | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8              | ±5%                   | 200V and over/ General Purpose | 100 kHz - 1 GHz                    |
| GRM31AR72J103KW01 | 10000 pF              | 630Vdc            | X7R (EIA)                   | 1206 (3216M)        | 1                | ±10%                  | 200V and over/ General Purpose | 100 Hz - 3 GHz                     |
| GRM31B7U2E103JW31 | 10000 pF              | 250Vdc            | U2J (EIA)                   | 1206 (3216M)        | 1.25             | ±5%                   | 200V and over/ General Purpose | 1 MHz - 3 GHz                      |
| GRM31BR72J103KW01 | 10000 pF              | 630Vdc            | X7R (EIA)                   | 1206 (3216M)        | 1.25             | ±10%                  | 200V and over/ General Purpose | 100 Hz - 3 GHz                     |
| GRM31C5C2J103FWA3 | 10000 pF              | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8              | ±1%                   | 200V and over/ General Purpose | 100 kHz - 1 GHz                    |
| GRM31C5C2J103GWA3 | 10000 pF              | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8              | ±2%                   | 200V and over/ General Purpose | 100 kHz - 1 GHz                    |
| GRM31C5C2J103JWA3 | 10000 pF              | 630Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.8              | ±5%                   | 200V and over/ General Purpose | 100 kHz - 1 GHz                    |
| GRM31CR73A103KW03 | 10000 pF              | 1000Vdc           | X7R (EIA)                   | 1206 (3216M)        | 1.8              | ±10%                  | 200V and over/ General Purpose | 100 Hz - 3 GHz                     |
| GRM31B5C2E123FWA1 | 12000 pF              | 250Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.25             | ±1%                   | 200V and over/ General Purpose | 1 MHz - 1 GHz                      |
| GRM31B5C2E123GWA1 | 12000 pF              | 250Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.25             | ±2%                   | 200V and over/ General Purpose | 1 MHz - 1 GHz                      |
| GRM31B5C2E123JWA1 | 12000 pF              | 250Vdc            | C0G (EIA)                   | 1206 (3216M)        | 1.25             | ±5%                   | 200V and over/ General Purpose | 1 MHz - 1 GHz                      |
| GRM31B7U2E123JW31 | 12000 pF              | 250Vdc            | U2J (EIA)                   | 1206 (3216M)        | 1.25             | ±5%                   | 200V and over/ General Purpose | 1 MHz - 3 GHz                      |
| GRM31BR72D153KW01 | 15000 pF              | 200Vdc            | X7R (EIA)                   | 1206 (3216M)        | 1.25             | ±10%                  | 200V and over/ General Purpose | 100 Hz - 3 GHz                     |
| GRM31BR72E153KW01 | 15000 pF              | 250Vdc            | X7R (EIA)                   | 1206 (3216M)        | 1.25             | ±10%                  | 200V and over/ General Purpose | 100 Hz - 3 GHz                     |
| GRM31BR72H153KW10 | 15000 pF              | 500Vdc            | X7R (EIA)                   | 1206 (3216M)        | 1.25             | ±10%                  | 200V and over/ General Purpose | 100 Hz - 3 GHz                     |
| GRM31BR7LV153KW01 | 15000 pF              | 630Vdc            | X7R (EIA)                   | 1206 (3216M)        | 1                |                       |                                |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type            | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|-----------------|------------------------------------|
| GRM319R71H223KA01 | 22000 pF              | 50Vdc             | X7R (EIA)                   | 1206 (3216mm)       | 0.95            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM31MR72A223KA01 | 22000 pF              | 100Vdc            | X7R (EIA)                   | 1206 (3216mm)       | 1.25            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM31MR72A223MA01 | 22000 pF              | 100Vdc            | X7R (EIA)                   | 1206 (3216mm)       | 1.25            | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM319C2A243JA01  | 24000 pF              | 100Vdc            | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C2A243JA01  | 24000 pF              | 100Vdc            | C0G (EIA)                   | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C1H273JA01  | 27000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C2A273JA01  | 27000 pF              | 100Vdc            | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C1H273JA01  | 27000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C2A273JA01  | 27000 pF              | 100Vdc            | C0G (EIA)                   | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C2A303JA01  | 30000 pF              | 100Vdc            | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C2A303JA01  | 30000 pF              | 100Vdc            | C0G (EIA)                   | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C1H333JA01  | 33000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C2A333JA01  | 33000 pF              | 100Vdc            | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C1H333JA01  | 33000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C2A333JA01  | 33000 pF              | 100Vdc            | C0G (EIA)                   | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM31MR72A333KA01 | 33000 pF              | 100Vdc            | X7R (EIA)                   | 1206 (3216mm)       | 1.25            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM319C2A363JA01  | 36000 pF              | 100Vdc            | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C2A363JA01  | 36000 pF              | 100Vdc            | C0G (EIA)                   | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C21H393JA01 | 39000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C2A393JA01  | 39000 pF              | 100Vdc            | CH (JIS)                    | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C1H393JA01  | 39000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C2A393JA01  | 39000 pF              | 100Vdc            | C0G (EIA)                   | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM31M2C2A393JA01 | 39000 pF              | 100Vdc            | CH (JIS)                    | 1206 (3216mm)       | 1.25            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM31M5C1H393JA01 | 39000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216mm)       | 1.25            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM31M5C2A393JA01 | 39000 pF              | 100Vdc            | C0G (EIA)                   | 1206 (3216mm)       | 1.25            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM31M2C2A433JA01 | 43000 pF              | 100Vdc            | CH (JIS)                    | 1206 (3216mm)       | 1.25            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM31M5C2A433JA01 | 43000 pF              | 100Vdc            | C0G (EIA)                   | 1206 (3216mm)       | 1.25            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C1H473GA05  | 47000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216mm)       | 0.95            | ±2%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C1H473JA01  | 47000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C2A473GA01  | 47000 pF              | 100Vdc            | C0G (EIA)                   | 1206 (3216mm)       | 0.95            | ±2%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM319C2A473JA01  | 47000 pF              | 100Vdc            | C0G (EIA)                   | 1206 (3216mm)       | 0.95            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM31M2C1H473JA01 | 47000 pF              | 50Vdc             | CH (JIS)                    | 1206 (3216mm)       | 1.25            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM31M2C2A473JA01 | 47000 pF              | 100Vdc            | CH (JIS)                    | 1206 (3216mm)       | 1.25            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM31M5C1H473JA01 | 47000 pF              | 50Vdc             | C0G (EIA)                   | 1206 (3216mm)       | 1.25            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM31M5C2A473GA01 | 47000 pF              | 100Vdc            | C0G (EIA)                   | 1206 (3216mm)       | 1.25            | ±2%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM31M5C2A473JA01 | 47000 pF              | 100Vdc            | C0G (EIA)                   | 1206 (3216mm)       | 1.25            | ±5%                   | General Purpose | 1 MHz ~ 6 GHz                      |
| GRM31MR72A473KA01 | 47000 pF              | 100Vdc            | X7R (EIA)                   | 1206 (3216mm)       | 1.25            | ±10%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM31MR72A473MA01 | 47000 pF              | 100Vdc            | X7R (EIA)                   | 1206 (3216mm)       | 1.25            | ±20%                  | General Purpose | 100 Hz ~ 6 GHz                     |
| GRM31M2C2A513JA01 | 51000 pF              | 100Vdc            | CH (JIS)                    |                     |                 |                       |                 |                                    |

| Part Number       | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max.) | Capacitance<br>Tolerance | Type            | Frequency Range<br>(simulation model) |
|-------------------|--------------------------|----------------------|--------------------------------|------------------------|---------------------|--------------------------|-----------------|---------------------------------------|
| GRM31C5C1H224GE02 | 220000 pF                | 50Vdc                | C0G (EIA)                      | 1206 (3216M)           | 1.8                 | ±2%                      | General Purpose | 1 MHz - 6 GHz                         |
| GRM31C5C1H224JE02 | 220000 pF                | 50Vdc                | C0G (EIA)                      | 1206 (3216M)           | 1.8                 | ±5%                      | General Purpose | 1 MHz - 6 GHz                         |
| GRM31MB11E224KA01 | 220000 pF                | 25Vdc                | B (JIS)                        | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MB11E224MA01 | 220000 pF                | 25Vdc                | B (JIS)                        | 1206 (3216M)           | 1.25                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MB11H224KA01 | 220000 pF                | 50Vdc                | B (JIS)                        | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MB11H224MA01 | 220000 pF                | 50Vdc                | B (JIS)                        | 1206 (3216M)           | 1.25                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR11H224KA01 | 220000 pF                | 50Vdc                | R (JIS)                        | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR11H224MA01 | 220000 pF                | 50Vdc                | R (JIS)                        | 1206 (3216M)           | 1.25                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR71H224KA01 | 220000 pF                | 50Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR71H224MA01 | 220000 pF                | 50Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.25                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR72A224KA01 | 220000 pF                | 100Vdc               | X7R (EIA)                      | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B11E334KA01 | 330000 pF                | 25Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R11E334KA01 | 330000 pF                | 25Vdc                | R (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R71E334KA01 | 330000 pF                | 25Vdc                | X7R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R71H334KA01 | 330000 pF                | 50Vdc                | X7R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31C5C1E334GE01 | 330000 pF                | 25Vdc                | C0G (EIA)                      | 1206 (3216M)           | 1.8                 | ±2%                      | General Purpose | 1 MHz - 6 GHz                         |
| GRM31C5C1E334JE01 | 330000 pF                | 25Vdc                | C0G (EIA)                      | 1206 (3216M)           | 1.8                 | ±5%                      | General Purpose | 1 MHz - 6 GHz                         |
| GRM319B11C474KA01 | 470000 pF                | 16Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B11C474MA01 | 470000 pF                | 16Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B11E474KA01 | 470000 pF                | 25Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B11E474MA01 | 470000 pF                | 25Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R11E474KA01 | 470000 pF                | 25Vdc                | R (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R71E474KA01 | 470000 pF                | 25Vdc                | X7R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31C5C1E474GE01 | 470000 pF                | 25Vdc                | C0G (EIA)                      | 1206 (3216M)           | 1.8                 | ±2%                      | General Purpose | 1 MHz - 6 GHz                         |
| GRM31C5C1E474JE01 | 470000 pF                | 25Vdc                | C0G (EIA)                      | 1206 (3216M)           | 1.8                 | ±5%                      | General Purpose | 1 MHz - 6 GHz                         |
| GRM31MR71E474KA01 | 470000 pF                | 25Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR71H474JA01 | 470000 pF                | 50Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.25                | ±5%                      | General Purpose | 100 kHz - 6 GHz                       |
| GRM31MR71H474KA01 | 470000 pF                | 50Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR71H474MA01 | 470000 pF                | 50Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.25                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR72A474KA35 | 470000 pF                | 100Vdc               | X7R (EIA)                      | 1206 (3216M)           | 1.3                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR72A474MA35 | 470000 pF                | 100Vdc               | X7R (EIA)                      | 1206 (3216M)           | 1.3                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B11E684KA01 | 680000 pF                | 25Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MB11C684KA01 | 680000 pF                | 16Vdc                | B (JIS)                        | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR71H684KA88 | 680000 pF                | 50Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR72A684KA35 | 680000 pF                | 100Vdc               | X7R (EIA)                      | 1206 (3216M)           | 1.3                 | ±10%                     | General Purpose | 100 kHz - 6 GHz                       |
| GRM319B11A105KA01 | 1 uF                     | 10Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B11C105KA33 | 1 uF                     | 16Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B31E105KC45 | 1 uF                     | 25Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R11A105KA01 | 1 uF                     | 10Vdc                | R (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R11C105KA33 | 1 uF                     | 16Vdc                | R (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R61A105KA01 | 1 uF                     | 10Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R61C105KA33 | 1 uF                     | 16Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R61E105KC36 | 1 uF                     | 25Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R71A105KA01 | 1 uF                     | 10Vdc                | X7R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R71C105KA33 | 1 uF                     | 16Vdc                | X7R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31CR72A105KA01 | 1 uF                     | 100Vdc               | X7R (EIA)                      | 1206 (3216M)           | 1.8                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MB11C105KA01 | 1 uF                     | 16Vdc                | B (JIS)                        | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MB11E105KA01 | 1 uF                     | 25Vdc                | B (JIS)                        | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MB31H105KA87 | 1 uF                     | 50Vdc                | B (JIS)                        | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR11C105KA01 | 1 uF                     | 16Vdc                | R (JIS)                        | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR11E105KA01 | 1 uF                     | 25Vdc                | R (JIS)                        | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR61C105KA01 | 1 uF                     | 16Vdc                | X5R (EIA)                      | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR71C105KA01 | 1 uF                     | 16Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR71C105MA01 | 1 uF                     | 16Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.25                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR71E105KA01 | 1 uF                     | 25Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR71E105MC01 | 1 uF                     | 25Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.25                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR71H105KA88 | 1 uF                     | 50Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM316B31C225KA87 | 2.2 uF                   | 16Vdc                | B (JIS)                        | 1206 (3216M)           | 0.7                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM316B31E225KA75 | 2.2 uF                   | 25Vdc                | B (JIS)                        | 1206 (3216M)           | 0.7                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM316C81C225KA12 | 2.2 uF                   | 16Vdc                | X6S (EIA)                      | 1206 (3216M)           | 0.7                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM316D71C225KA12 | 2.2 uF                   | 16Vdc                | X7T (EIA)                      | 1206 (3216M)           | 0.7                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM316D71C225MA12 | 2.2 uF                   | 16Vdc                | X7T (EIA)                      | 1206 (3216M)           | 0.7                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM316R61C225KA88 | 2.2 uF                   | 16Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.7                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM316R61E225KA12 | 2.2 uF                   | 25Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.7                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B11A225KA01 | 2.2 uF                   | 10Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B31H225KA12 | 2.2 uF                   | 50Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B31H225MA12 | 2.2 uF                   | 50Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319C8YA225KA12 | 2.2 uF                   | 35Vdc                | X6S (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319C8YA225MA12 | 2.2 uF                   | 35Vdc                | X6S (EIA)                      | 1206 (3216M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R61A225KA01 | 2.2 uF                   | 10Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R61H225KA12 | 2.2 uF                   | 50Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R61H225MA12 | 2.2 uF                   | 50Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31CB31H225KA87 | 2.2 uF                   | 50Vdc                | B (JIS)                        | 1206 (3216M)           | 1.8                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31CB31H225MA87 | 2.2 uF                   | 50Vdc                | B (JIS)                        | 1206 (3216M)           | 1.8                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31CL8EL225KE07 | 2.2 uF                   | 100Vdc               | X8L (MURATA)                   | 1206 (3216M)           | 1.8                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31CR61H225KA88 | 2.2 uF                   | 50Vdc                | X5R (EIA)                      | 1206 (3216M)           | 1.8                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31CR71H225KA88 | 2.2 uF                   | 50Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.8                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31CR72A225KA73 | 2.2 uF                   | 100Vdc               | X7R (EIA)                      | 1206 (3216M)           | 1.9                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31CR72A225MA73 | 2.2 uF                   | 100Vdc               | X7R (EIA)                      | 1206 (3216M)           | 1.9                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MB11A225KA01 | 2.2 uF                   | 10Vdc                | B (JIS)                        | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MB11C225KA35 | 2.2 uF                   | 16Vdc                | B (JIS)                        | 1206 (3216M)           | 1.3                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MB11C225MA35 | 2.2 uF                   | 16Vdc                | B (JIS)                        | 1206 (3216M)           | 1.3                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MB31E225KA92 | 2.2 uF                   | 25Vdc                | B (JIS)                        | 1206 (3216M)           | 1.3                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR11A225KA01 | 2.2 uF                   | 10Vdc                | R (JIS)                        | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR11C225KA35 | 2.2 uF                   | 16Vdc                | R (JIS)                        | 1206 (3216M)           | 1.3                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR11C225MA35 | 2.2 uF                   | 16Vdc                | R (JIS)                        | 1206 (3216M)           | 1.3                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR11E225KA93 | 2.2 uF                   | 25Vdc                | R (JIS)                        | 1206 (3216M)           | 1.3                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR61A225KA01 | 2.2 uF                   | 10Vdc                | X5R (EIA)                      | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR61C225KA35 | 2.2 uF                   | 16Vdc                | X5R (EIA)                      | 1206 (3216M)           | 1.3                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR71A225KA01 | 2.2 uF                   | 10Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.25                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR71C225KA35 | 2.2 uF                   | 16Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.3                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR71C225MA35 | 2.2 uF                   | 16Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.3                 | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31MR71E225KA93 | 2.2 uF                   | 25Vdc                | X7R (EIA)                      | 1206 (3216M)           | 1.3                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B31C335KA75 | 3.3 uF                   | 16Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R61C335KA12 | 3.3 uF                   | 16Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31CR61E335KA88 | 3.3 uF                   | 25Vdc                | X5R (EIA)                      | 1206 (3216M)           | 1.8                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM316B31A475KE18 | 4.7 uF                   | 10Vdc                | B (JIS)                        | 1206 (3216M)           | 0.7                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM316R61A475KE19 | 4.7 uF                   | 10Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.7                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B11A475KA01 | 4.7 uF                   | 10Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B31C475KA87 | 4.7 uF                   | 16Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B31E475KA75 | 4.7 uF                   | 25Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B31H475KA12 | 4.7 uF                   | 50Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319B31H475MA12 | 4.7 uF                   | 50Vdc                | B (JIS)                        | 1206 (3216M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319C81C475KA12 | 4.7 uF                   | 16Vdc                | X6S (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319D71C475KA12 | 4.7 uF                   | 16Vdc                | X7T (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319D71C475MA12 | 4.7 uF                   | 16Vdc                | X7T (EIA)                      | 1206 (3216M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R61A475KA01 | 4.7 uF                   | 10Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R61C475KA88 | 4.7 uF                   | 16Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R61E475KA12 | 4.7 uF                   | 25Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R61H475KA12 | 4.7 uF                   | 50Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.95                | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM319R61H475MA12 | 4.7 uF                   | 50Vdc                | X5R (EIA)                      | 1206 (3216M)           | 0.95                | ±20%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31CB10J475KA01 | 4.7 uF                   | 6.3Vdc               | B (JIS)                        | 1206 (3216M)           | 1.8                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31CB11A475KA01 | 4.7 uF                   | 10Vdc                | B (JIS)                        | 1206 (3216M)           | 1.8                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31CB11C475KA01 | 4.7 uF                   | 16Vdc                | B (JIS)                        | 1206 (3216M)           | 1.8                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31CB31E475KA87 | 4.7 uF                   | 25Vdc                | B (JIS)                        | 1206 (3216M)           | 1.8                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31CB31H475KA12 | 4.7 uF                   | 50Vdc                | B (JIS)                        | 1206 (3216M)           | 1.8                 | ±10%                     | General Purpose | 100 Hz - 6 GHz                        |
| GRM31CB31H475MA12 | 4.7 uF                   | 5                    |                                |                        |                     |                          |                 |                                       |





| Part Number       | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max.) | Capacitance<br>Tolerance | Type                           | Frequency Range<br>(simulation model) |
|-------------------|--------------------------|----------------------|--------------------------------|------------------------|---------------------|--------------------------|--------------------------------|---------------------------------------|
| GRM32D7U2E47J3W31 | 47000 pF                 | 250Vdc               | U2J (EIA)                      | 1210 (3225M)           | 2                   | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM32DR72J473KW01 | 47000 pF                 | 630Vdc               | X7R (EIA)                      | 1210 (3225M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM32QR72D683KW01 | 68000 pF                 | 200Vdc               | X7R (EIA)                      | 1210 (3225M)           | 1.5                 | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM32QR72E683KW01 | 68000 pF                 | 250Vdc               | X7R (EIA)                      | 1210 (3225M)           | 1.5                 | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM32QR72H683KW01 | 68000 pF                 | 500Vdc               | X7R (EIA)                      | 1210 (3225M)           | 1.5                 | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM32QR7L683KW01  | 68000 pF                 | 630Vdc               | X7R (EIA)                      | 1210 (3225M)           | 1.5                 | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM32DR72D104KW01 | 100000 pF                | 200Vdc               | X7R (EIA)                      | 1210 (3225M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM32DR72E104KW01 | 100000 pF                | 250Vdc               | X7R (EIA)                      | 1210 (3225M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM32DR72H104KW01 | 100000 pF                | 500Vdc               | X7R (EIA)                      | 1210 (3225M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM32DR7LV104KW01 | 100000 pF                | 630Vdc               | X7R (EIA)                      | 1210 (3225M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM32QR72D154KW01 | 150000 pF                | 200Vdc               | X7R (EIA)                      | 1210 (3225M)           | 1.5                 | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM32QR72E154KW01 | 150000 pF                | 250Vdc               | X7R (EIA)                      | 1210 (3225M)           | 1.5                 | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM32DR72D224KW01 | 220000 pF                | 200Vdc               | X7R (EIA)                      | 1210 (3225M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM32DR72E224KW01 | 220000 pF                | 250Vdc               | X7R (EIA)                      | 1210 (3225M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM32MR71H104KA01 | 100000 pF                | 50Vdc                | X7R (EIA)                      | 1210 (3225M)           | 1.25                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32NR72A104KA01 | 100000 pF                | 100Vdc               | X7R (EIA)                      | 1210 (3225M)           | 1.5                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32NR71H154KA01 | 150000 pF                | 50Vdc                | X7R (EIA)                      | 1210 (3225M)           | 1.5                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32MB11H474KA01 | 470000 pF                | 50Vdc                | B (JIS)                        | 1210 (3225M)           | 1.25                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32MB11H474MA01 | 470000 pF                | 50Vdc                | B (JIS)                        | 1210 (3225M)           | 1.25                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32CR72A684KA01 | 680000 pF                | 100Vdc               | X7R (EIA)                      | 1210 (3225M)           | 1.8                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32NB11H684KA01 | 680000 pF                | 50Vdc                | B (JIS)                        | 1210 (3225M)           | 1.5                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32NR71H684KA01 | 680000 pF                | 50Vdc                | X7R (EIA)                      | 1210 (3225M)           | 1.5                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32CR72A105KA35 | 1 uF                     | 100Vdc               | X7R (EIA)                      | 1210 (3225M)           | 1.8                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32CR72A105MA35 | 1 uF                     | 100Vdc               | X7R (EIA)                      | 1210 (3225M)           | 1.8                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32RB11H105KA01 | 1 uF                     | 50Vdc                | B (JIS)                        | 1210 (3225M)           | 2                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32RR11H105KA01 | 1 uF                     | 50Vdc                | R (JIS)                        | 1210 (3225M)           | 2                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32RR71H105KA01 | 1 uF                     | 50Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER72A225KA35 | 2.2 uF                   | 100Vdc               | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER72A225MA35 | 2.2 uF                   | 100Vdc               | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32MB11C225KA01 | 2.2 uF                   | 16Vdc                | B (JIS)                        | 1210 (3225M)           | 1.25                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32MR11C225KA01 | 2.2 uF                   | 16Vdc                | R (JIS)                        | 1210 (3225M)           | 1.25                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32MR71C225KA01 | 2.2 uF                   | 16Vdc                | X7R (EIA)                      | 1210 (3225M)           | 1.25                | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32RB11E225KA01 | 2.2 uF                   | 25Vdc                | B (JIS)                        | 1210 (3225M)           | 2                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32RR71E225KA01 | 2.2 uF                   | 25Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DB11E475KA61 | 4.7 uF                   | 25Vdc                | B (JIS)                        | 1210 (3225M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DC72A475KE01 | 4.7 uF                   | 100Vdc               | X7S (EIA)                      | 1210 (3225M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DC72A475ME01 | 4.7 uF                   | 100Vdc               | X7S (EIA)                      | 1210 (3225M)           | 2.2                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DL8L475KE07  | 4.7 uF                   | 100Vdc               | X8L (MURATA)                   | 1210 (3225M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DR11E475KA61 | 4.7 uF                   | 25Vdc                | R (JIS)                        | 1210 (3225M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DR71E475KA61 | 4.7 uF                   | 25Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EB31H475KA87 | 4.7 uF                   | 50Vdc                | B (JIS)                        | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER71H475KA88 | 4.7 uF                   | 50Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER71K475KE14 | 4.7 uF                   | 80Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER71K475ME14 | 4.7 uF                   | 80Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32RB11C475KA01 | 4.7 uF                   | 16Vdc                | B (JIS)                        | 1210 (3225M)           | 2                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32RR11C475KA01 | 4.7 uF                   | 16Vdc                | R (JIS)                        | 1210 (3225M)           | 2                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32RR61C475KA01 | 4.7 uF                   | 16Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32RR61E475KA12 | 4.7 uF                   | 25Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32RR71C475KA01 | 4.7 uF                   | 16Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32AB31C106KAB6 | 10 uF                    | 16Vdc                | B (JIS)                        | 1210 (3225M)           | 1                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32AR61C106KAB7 | 10 uF                    | 16Vdc                | X5R (EIA)                      | 1210 (3225M)           | 1                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DB11C106KA01 | 10 uF                    | 16Vdc                | B (JIS)                        | 1210 (3225M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DB31E106KA75 | 10 uF                    | 25Vdc                | B (JIS)                        | 1210 (3225M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DC81E106KA12 | 10 uF                    | 25Vdc                | X6S (EIA)                      | 1210 (3225M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DR11C106KA01 | 10 uF                    | 16Vdc                | R (JIS)                        | 1210 (3225M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DR61C106KA01 | 10 uF                    | 16Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DR61E106KA12 | 10 uF                    | 25Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DR61E106MA12 | 10 uF                    | 25Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.2                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DR71A106KA01 | 10 uF                    | 10Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DR71C106KA01 | 10 uF                    | 16Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DR71E106KA12 | 10 uF                    | 25Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EB11A106KA01 | 10 uF                    | 10Vdc                | B (JIS)                        | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EB31H106KA12 | 10 uF                    | 50Vdc                | B (JIS)                        | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EB31H106MA12 | 10 uF                    | 50Vdc                | B (JIS)                        | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EB3YA106KA12 | 10 uF                    | 35Vdc                | B (JIS)                        | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EB3YA106MA12 | 10 uF                    | 35Vdc                | B (JIS)                        | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC72A106KE05 | 10 uF                    | 100Vdc               | X7S (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC72A106ME05 | 10 uF                    | 100Vdc               | X7S (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER61A106KA01 | 10 uF                    | 10Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER61H106KA12 | 10 uF                    | 50Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER61H106MA12 | 10 uF                    | 50Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER6YA106KA12 | 10 uF                    | 35Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER6YA106MA12 | 10 uF                    | 35Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER71J106KA12 | 10 uF                    | 63Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER71J106MA12 | 10 uF                    | 63Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER7YA106KA12 | 10 uF                    | 35Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER7YA106MA12 | 10 uF                    | 35Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DR60J226MA01 | 22 uF                    | 6.3Vdc               | X5R (EIA)                      | 1210 (3225M)           | 2.2                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EB31C226ME16 | 22 uF                    | 16Vdc                | B (JIS)                        | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EB31E226KE15 | 22 uF                    | 25Vdc                | B (JIS)                        | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EB31E226ME15 | 22 uF                    | 25Vdc                | B (JIS)                        | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC81E226KE15 | 22 uF                    | 25Vdc                | X6S (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC81E226ME15 | 22 uF                    | 25Vdc                | X6S (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER11A226ME20 | 22 uF                    | 10Vdc                | R (JIS)                        | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER61C226ME20 | 22 uF                    | 16Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER61E226KE15 | 22 uF                    | 25Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER61E226ME15 | 22 uF                    | 25Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER71A226ME20 | 22 uF                    | 10Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER71C226KEA8 | 22 uF                    | 16Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER71C226MEA8 | 22 uF                    | 16Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER71E226KE15 | 22 uF                    | 25Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER71E226ME15 | 22 uF                    | 25Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32NB31A226KE19 | 22 uF                    | 10Vdc                | B (JIS)                        | 1210 (3225M)           | 1.5                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32NB31A226ME19 | 22 uF                    | 10Vdc                | B (JIS)                        | 1210 (3225M)           | 1.5                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32NC81A226ME19 | 22 uF                    | 10Vdc                | X6S (EIA)                      | 1210 (3225M)           | 1.5                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32NC81C226KE15 | 22 uF                    | 16Vdc                | X6S (EIA)                      | 1210 (3225M)           | 1.5                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32NC81C226ME15 | 22 uF                    | 16Vdc                | X6S (EIA)                      | 1210 (3225M)           | 1.5                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ND70J226ME19 | 22 uF                    | 6.3Vdc               | X7T (EIA)                      | 1210 (3225M)           | 1.5                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ND71A226KE15 | 22 uF                    | 10Vdc                | X7T (EIA)                      | 1210 (3225M)           | 1.5                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ND71A226ME15 | 22 uF                    | 10Vdc                | X7T (EIA)                      | 1210 (3225M)           | 1.5                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32NR61A226KE19 | 22 uF                    | 10Vdc                | X5R (EIA)                      | 1210 (3225M)           | 1.5                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32NR61A226ME19 | 22 uF                    | 10Vdc                | X5R (EIA)                      | 1210 (3225M)           | 1.5                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32DR60J336ME19 | 33 uF                    | 6.3Vdc               | X5R (EIA)                      | 1210 (3225M)           | 2.2                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EB30J476ME16 | 47 uF                    | 6.3Vdc               | B (JIS)                        | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EB31A476KE20 | 47 uF                    | 10Vdc                | B (JIS)                        | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EB31A476ME20 | 47 uF                    | 10Vdc                | B (JIS)                        | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EB31C476KE15 | 47 uF                    | 16Vdc                | B (JIS)                        | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EB31C476ME15 | 47 uF                    | 16Vdc                | B (JIS)                        | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC80J476KE64 | 47 uF                    | 6.3Vdc               | X6S (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC80J476ME64 | 47 uF                    | 6.3Vdc               | X6S (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC81A476KE19 | 47 uF                    | 10Vdc                | X6S (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC81A476ME19 | 47 uF                    | 10Vdc                | X6S (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC81C476KE15 | 47 uF                    | 16Vdc                | X6S (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC81C476ME15 | 47 uF                    | 16Vdc                | X6S (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ED70J476KE20 | 47 uF                    | 6.3Vdc               | X7T (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ED70J476ME20 | 47 uF                    | 6.3Vdc               | X7T (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ED71A476KE15 | 47 uF                    | 10Vdc                | X7T (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |

| Part Number       | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max.) | Capacitance<br>Tolerance | Type                           | Frequency Range<br>(simulation model) |
|-------------------|--------------------------|----------------------|--------------------------------|------------------------|---------------------|--------------------------|--------------------------------|---------------------------------------|
| GRM32ED71A476ME15 | 47 uF                    | 10Vdc                | X7T (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EE70J476KE20 | 47 uF                    | 6.3Vdc               | X7U (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EE70J476ME20 | 47 uF                    | 6.3Vdc               | X7U (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER60J476KE64 | 47 uF                    | 6.3Vdc               | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER60J476ME20 | 47 uF                    | 6.3Vdc               | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER60J476ME64 | 47 uF                    | 6.3Vdc               | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER61A476KE20 | 47 uF                    | 10Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER61A476ME20 | 47 uF                    | 10Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER61C476KE15 | 47 uF                    | 16Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER61C476ME15 | 47 uF                    | 16Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER70J476KE20 | 47 uF                    | 6.3Vdc               | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER70J476ME20 | 47 uF                    | 6.3Vdc               | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER71A476KE15 | 47 uF                    | 10Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER71A476ME15 | 47 uF                    | 10Vdc                | X7R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EB30J107ME16 | 100 uF                   | 6.3Vdc               | B (JIS)                        | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC70G107ME15 | 100 uF                   | 4Vdc                 | X7S (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC70J107ME15 | 100 uF                   | 6.3Vdc               | X7S (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC80G107KE20 | 100 uF                   | 4Vdc                 | X6S (EIA)                      | 1210 (3225M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC80G107ME20 | 100 uF                   | 4Vdc                 | X6S (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC80J107ME20 | 100 uF                   | 6.3Vdc               | X6S (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EE70G107ME19 | 100 uF                   | 4Vdc                 | X7U (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EE70J107ME15 | 100 uF                   | 6.3Vdc               | X7U (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER60J107ME20 | 100 uF                   | 6.3Vdc               | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER61A107ME20 | 100 uF                   | 10Vdc                | X5R (EIA)                      | 1210 (3225M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC80E227ME05 | 220 uF                   | 2.5Vdc               | X6S (EIA)                      | 1210 (3225M)           | 2.8                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC80G227ME05 | 220 uF                   | 4Vdc                 | X6S (EIA)                      | 1210 (3225M)           | 2.8                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC80J227ME01 | 220 uF                   | 6.3Vdc               | X6S (EIA)                      | 1210 (3225M)           | 2.85                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ED70E227ME01 | 220 uF                   | 2.5Vdc               | X7T (EIA)                      | 1210 (3225M)           | 2.85                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ED70G227ME01 | 220 uF                   | 4Vdc                 | X7T (EIA)                      | 1210 (3225M)           | 2.85                | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER60G227ME05 | 220 uF                   | 4Vdc                 | X5R (EIA)                      | 1210 (3225M)           | 2.8                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER60J227ME05 | 220 uF                   | 6.3Vdc               | X5R (EIA)                      | 1210 (3225M)           | 2.8                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32EC80E337ME05 | 330 uF                   | 2.5Vdc               | X6S (EIA)                      | 1210 (3225M)           | 2.8                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER60E337ME05 | 330 uF                   | 2.5Vdc               | X5R (EIA)                      | 1210 (3225M)           | 2.8                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM32ER60G337ME05 | 330 uF                   | 4Vdc                 | X5R (EIA)                      | 1210 (3225M)           | 2.8                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM42A7U3F100JW31 | 10 uF                    | 3150Vdc              | U2J (EIA)                      | 1808 (4520M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM42A7U3F120JW31 | 12 uF                    | 3150Vdc              | U2J (EIA)                      | 1808 (4520M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM42A7U3F150JW31 | 15 uF                    | 3150Vdc              | U2J (EIA)                      | 1808 (4520M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM42A7U3F180JW31 | 18 uF                    | 3150Vdc              | U2J (EIA)                      | 1808 (4520M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM42A7U3F220JW31 | 22 uF                    | 3150Vdc              | U2J (EIA)                      | 1808 (4520M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM42A7U3F270JW31 | 27 uF                    | 3150Vdc              | U2J (EIA)                      | 1808 (4520M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM42A7U3F330JW31 | 33 uF                    | 3150Vdc              | U2J (EIA)                      | 1808 (4520M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM42A7U3F390JW31 | 39 uF                    | 3150Vdc              | U2J (EIA)                      | 1808 (4520M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM42A7U3F470JW31 | 47 uF                    | 3150Vdc              | U2J (EIA)                      | 1808 (4520M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM42A7U3F560JW31 | 56 uF                    | 3150Vdc              | U2J (EIA)                      | 1808 (4520M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM42A7U3F680JW31 | 68 uF                    | 3150Vdc              | U2J (EIA)                      | 1808 (4520M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM42A7U3F820JW31 | 82 uF                    | 3150Vdc              | U2J (EIA)                      | 1808 (4520M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM42A7U3F101JW31 | 100 uF                   | 3150Vdc              | U2J (EIA)                      | 1808 (4520M)           | 1                   | ±5%                      | 200V and over/ General Purpose | 100 MHz - 3 GHz                       |
| GRM43Q7U3A272JW31 | 2700 pF                  | 1000Vdc              | U2J (EIA)                      | 1812 (4532M)           | 1.5                 | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM43Q7U3A332JW31 | 3300 pF                  | 1000Vdc              | U2J (EIA)                      | 1812 (4532M)           | 1.5                 | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM43D7U3A392JW31 | 3900 pF                  | 1000Vdc              | U2J (EIA)                      | 1812 (4532M)           | 2                   | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM43D7U3A472JW31 | 4700 pF                  | 1000Vdc              | U2J (EIA)                      | 1812 (4532M)           | 2                   | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM43Q7U2J123JW31 | 12000 pF                 | 630Vdc               | U2J (EIA)                      | 1812 (4532M)           | 1.5                 | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM43D7U2J153JW31 | 15000 pF                 | 630Vdc               | U2J (EIA)                      | 1812 (4532M)           | 2                   | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM43D7U2J183JW31 | 18000 pF                 | 630Vdc               | U2J (EIA)                      | 1812 (4532M)           | 2                   | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM43D7U2J223JW31 | 22000 pF                 | 630Vdc               | U2J (EIA)                      | 1812 (4532M)           | 2                   | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM43DR73A333KW01 | 33000 pF                 | 1000Vdc              | X7R (EIA)                      | 1812 (4532M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43DR7LX333KW01 | 33000 pF                 | 1250Vdc              | X7R (EIA)                      | 1812 (4532M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43DR73A473KW01 | 47000 pF                 | 1000Vdc              | X7R (EIA)                      | 1812 (4532M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43DR7LX473KW01 | 47000 pF                 | 1250Vdc              | X7R (EIA)                      | 1812 (4532M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43QR72J683KW01 | 68000 pF                 | 630Vdc               | X7R (EIA)                      | 1812 (4532M)           | 1.5                 | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43QR7LW683KW01 | 68000 pF                 | 1000Vdc              | X7R (EIA)                      | 1812 (4532M)           | 1.5                 | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43DR72J104KW01 | 100000 pF                | 630Vdc               | X7R (EIA)                      | 1812 (4532M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43DR7LW104KW01 | 100000 pF                | 1000Vdc              | X7R (EIA)                      | 1812 (4532M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43QR72D154KW01 | 150000 pF                | 200Vdc               | X7R (EIA)                      | 1812 (4532M)           | 1.5                 | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43QR72E154KW01 | 150000 pF                | 250Vdc               | X7R (EIA)                      | 1812 (4532M)           | 1.5                 | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43QR72H154KW01 | 150000 pF                | 500Vdc               | X7R (EIA)                      | 1812 (4532M)           | 1.5                 | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43QR7L154KW01  | 150000 pF                | 630Vdc               | X7R (EIA)                      | 1812 (4532M)           | 1.5                 | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43DR72D224KW01 | 220000 pF                | 200Vdc               | X7R (EIA)                      | 1812 (4532M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43DR72E224KW01 | 220000 pF                | 250Vdc               | X7R (EIA)                      | 1812 (4532M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43DR72H224KW01 | 220000 pF                | 500Vdc               | X7R (EIA)                      | 1812 (4532M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43DR7L224KW01  | 220000 pF                | 630Vdc               | X7R (EIA)                      | 1812 (4532M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43DR72D334KW01 | 330000 pF                | 200Vdc               | X7R (EIA)                      | 1812 (4532M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43DR72E334KW01 | 330000 pF                | 250Vdc               | X7R (EIA)                      | 1812 (4532M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43DR72D474KW01 | 470000 pF                | 200Vdc               | X7R (EIA)                      | 1812 (4532M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43DR72E474KW01 | 470000 pF                | 250Vdc               | X7R (EIA)                      | 1812 (4532M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM43ER11H225KA01 | 2.2 uF                   | 50Vdc                | R (JIS)                        | 1812 (4532M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM43ER11H225KA01 | 2.2 uF                   | 50Vdc                | X7R (EIA)                      | 1812 (4532M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM43ER72A225KA01 | 2.2 uF                   | 100Vdc               | X7R (EIA)                      | 1812 (4532M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM43EB31H475KA88 | 4.7 uF                   | 50Vdc                | B (JIS)                        | 1812 (4532M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM43ER11E475KA01 | 4.7 uF                   | 25Vdc                | R (JIS)                        | 1812 (4532M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM43ER61H475KA88 | 4.7 uF                   | 50Vdc                | X5R (EIA)                      | 1812 (4532M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM43ER71E475KA01 | 4.7 uF                   | 25Vdc                | X7R (EIA)                      | 1812 (4532M)           | 2.7                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM43DR61E106KA12 | 10 uF                    | 25Vdc                | X5R (EIA)                      | 1812 (4532M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM43EB11C226ME01 | 22 uF                    | 16Vdc                | B (JIS)                        | 1812 (4532M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM43ER61C226ME01 | 22 uF                    | 16Vdc                | X5R (EIA)                      | 1812 (4532M)           | 2.7                 | ±20%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM55Q7U3A562JW31 | 5600 pF                  | 1000Vdc              | U2J (EIA)                      | 2220 (5750M)           | 1.5                 | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM55Q7U3A682JW31 | 6800 pF                  | 1000Vdc              | U2J (EIA)                      | 2220 (5750M)           | 1.5                 | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM55D7U3A822JW31 | 8200 pF                  | 1000Vdc              | U2J (EIA)                      | 2220 (5750M)           | 2                   | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM55D7U3A103JW31 | 10000 pF                 | 1000Vdc              | U2J (EIA)                      | 2220 (5750M)           | 2                   | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM55Q7U2J273JW31 | 27000 pF                 | 630Vdc               | U2J (EIA)                      | 2220 (5750M)           | 1.5                 | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM55D7U2J333JW31 | 33000 pF                 | 630Vdc               | U2J (EIA)                      | 2220 (5750M)           | 2                   | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM55D7U2J393JW31 | 39000 pF                 | 630Vdc               | U2J (EIA)                      | 2220 (5750M)           | 2                   | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM55D7U2J473JW31 | 47000 pF                 | 630Vdc               | U2J (EIA)                      | 2220 (5750M)           | 2                   | ±5%                      | 200V and over/ General Purpose | 1 MHz - 3 GHz                         |
| GRM55DR73A683KW01 | 68000 pF                 | 1000Vdc              | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM55DR7LX683KW01 | 68000 pF                 | 1250Vdc              | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM55DR73A104KW01 | 100000 pF                | 1000Vdc              | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM55DR7LX104KW01 | 100000 pF                | 1250Vdc              | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM55DR72J154KW01 | 150000 pF                | 630Vdc               | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM55DR7LW154KW01 | 150000 pF                | 1000Vdc              | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM55DR72J224KW01 | 220000 pF                | 630Vdc               | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM55DR7LW224KW01 | 220000 pF                | 1000Vdc              | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM55DR72E334KW01 | 330000 pF                | 250Vdc               | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM55DR72H334KW01 | 330000 pF                | 500Vdc               | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM55DR7LX334KW01 | 330000 pF                | 630Vdc               | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM55DR72E474KW01 | 470000 pF                | 250Vdc               | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM55DR7LX474KW01 | 470000 pF                | 630Vdc               | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM55DR72E684KW01 | 680000 pF                | 250Vdc               | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM55DR72E105KW01 | 1 uF                     | 250Vdc               | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | 200V and over/ General Purpose | 100 Hz - 3 GHz                        |
| GRM55DR72A105KA01 | 1 uF                     | 100Vdc               | X7R (EIA)                      | 2220 (5750M)           | 2.2                 | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM55RB11H105KA01 | 1 uF                     | 50Vdc                | B (JIS)                        | 2220 (5750M)           | 2                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM55RR11H105KA01 | 1 uF                     | 50Vdc                | R (JIS)                        | 2220 (5750M)           | 2                   | ±10%                     | General Purpose                | 100 Hz - 6 GHz                        |
| GRM55RR71H105KA01 | 1 uF                     | 50Vdc                | X7R (EIA)                      | 2220 (5750M)           | 2                   | ±10%                     | General Purpose                | 10                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                                 | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|--------------------------------------|------------------------------------|
| GRM55ER72A475KA01 | 4.7 uF                | 100Vdc            | X7R (EIA)                   | 2220 (5750M)        | 2.7             | ±10%                  | General Purpose                      | 100 Hz - 6 GHz                     |
| GRM55DB11E106KA01 | 10 uF                 | 25Vdc             | B (JIS)                     | 2220 (5750M)        | 2.1             | ±10%                  | General Purpose                      | 100 Hz - 6 GHz                     |
| GRM55DB31H106KA87 | 10 uF                 | 50Vdc             | B (JIS)                     | 2220 (5750M)        | 2.2             | ±10%                  | General Purpose                      | 100 Hz - 6 GHz                     |
| GRM55DR11E106KA01 | 10 uF                 | 25Vdc             | R (JIS)                     | 2220 (5750M)        | 2.1             | ±10%                  | General Purpose                      | 100 Hz - 6 GHz                     |
| GRM55DR61H106KA88 | 10 uF                 | 50Vdc             | X5R (EIA)                   | 2220 (5750M)        | 2.2             | ±10%                  | General Purpose                      | 100 Hz - 6 GHz                     |
| GRM55DR71E106KA01 | 10 uF                 | 25Vdc             | X7R (EIA)                   | 2220 (5750M)        | 2.1             | ±10%                  | General Purpose                      | 100 Hz - 6 GHz                     |
| GRMJN7R61C206ME05 | 20 uF                 | 16Vdc             | X5R (EIA)                   | 0704 (1810M)        | 0.8             | ±20%                  | General Purpose                      | 100 Hz - 6 GHz                     |
| GRMJN7R61C226ME05 | 22 uF                 | 16Vdc             | X5R (EIA)                   | 0704 (1810M)        | 0.8             | ±20%                  | General Purpose                      | 100 Hz - 6 GHz                     |
| GRMJN7R60J436ME05 | 43 uF                 | 6.3Vdc            | X5R (EIA)                   | 0704 (1810M)        | 0.8             | ±20%                  | General Purpose                      | 100 Hz - 6 GHz                     |
| GRMDMXR60J105ME05 | 1 uF                  | 6.3Vdc            | X5R (EIA)                   | 015008 (05025M)     | 0.275           | ±20%                  | Ultra-small                          | 100 Hz - 6 GHz                     |
| GRT0335C1E1R0CA02 | 1 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | Infotainment for Automotive AEC-Q200 | 100 MHz - 20 GHz                   |
| GRT0335C1H1R0CA02 | 1 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | Infotainment for Automotive AEC-Q200 | 100 MHz - 20 GHz                   |
| GRT0335C2A1R0CA02 | 1 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | Infotainment for Automotive AEC-Q200 | 100 MHz - 20 GHz                   |
| GRT0335C1E2R0CA02 | 2 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C1H2R0CA02 | 2 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C2A2R0CA02 | 2 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C1E3R0CA02 | 3 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C1H3R0CA02 | 3 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C2A3R0CA02 | 3 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C1E4R0CA02 | 4 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C1H4R0CA02 | 4 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C2A4R0CA02 | 4 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C1E5R0CA02 | 5 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C1H5R0CA02 | 5 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C2A5R0CA02 | 5 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.25pF               | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C1E6R0DA02 | 6 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C1H6R0DA02 | 6 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C2A6R0DA02 | 6 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C1E7R0DA02 | 7 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C1H7R0DA02 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C2A7R0DA02 | 7 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C1E8R0DA02 | 8 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C1H8R0DA02 | 8 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C2A8R0DA02 | 8 pF                  | 100Vdc            | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C1E9R0DA02 | 9 pF                  | 25Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            | ±0.5pF                | Infotainment for Automotive AEC-Q200 | 100 MHz - 8.5 GHz                  |
| GRT0335C1H9R0DA02 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0201 (0603M)        | 0.33            |                       |                                      |                                    |







| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max.) | Capacitance Tolerance | Type                        | Frequency Range (Simulation Model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|------------------|-----------------------|-----------------------------|------------------------------------|
| GRT1885C1H3R0CA02 | 3 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.25pF               | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A3R0CA02 | 3 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.25pF               | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H4R0CA02 | 4 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.25pF               | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A4R0CA02 | 4 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.25pF               | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H5R0CA02 | 5 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.25pF               | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A5R0CA02 | 5 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.25pF               | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H6R0DA02 | 6 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A6R0DA02 | 6 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H7R0DA02 | 7 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A7R0DA02 | 7 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H8R0DA02 | 8 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A8R0DA02 | 8 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H9R0DA02 | 9 pF                  | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A9R0DA02 | 9 pF                  | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±0.5pF                | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H100JA02 | 10 pF                 | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A100JA02 | 10 pF                 | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H120JA02 | 12 pF                 | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A120JA02 | 12 pF                 | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H150JA02 | 15 pF                 | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A150JA02 | 15 pF                 | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H180JA02 | 18 pF                 | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A180JA02 | 18 pF                 | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H220JA02 | 22 pF                 | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A220JA02 | 22 pF                 | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H270JA02 | 27 pF                 | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A270JA02 | 27 pF                 | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H330JA02 | 33 pF                 | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A330JA02 | 33 pF                 | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H390JA02 | 39 pF                 | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A390JA02 | 39 pF                 | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H470JA02 | 47 pF                 | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A470JA02 | 47 pF                 | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H560JA02 | 56 pF                 | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A560JA02 | 56 pF                 | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H680JA02 | 68 pF                 | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A680JA02 | 68 pF                 | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H820JA02 | 82 pF                 | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A820JA02 | 82 pF                 | 100Vdc            | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C1H101JA02 | 100 pF                | 50Vdc             | COG (EIA)                   | 0603 (1608M)          | 0.9              | ±%                    | Infotainment for Automotive | AEC-Q200                           |
| GRT1885C2A101JA02 | 10                    |                   |                             |                       |                  |                       |                             |                                    |

| Part Number        | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch/mm) | T size (mm Max) | Capacitance Tolerance | Type                                 | Frequency Range (Simulation model) |
|--------------------|-----------------------|-------------------|-----------------------------|---------------------|-----------------|-----------------------|--------------------------------------|------------------------------------|
| GRT188C8YA225KE13  | 2.2 uF                | 35Vdc             | X6S (EIA)                   | 0803 (1608M)        | 1               | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R60J225KE13  | 2.2 uF                | 6.3Vdc            | X5R (EIA)                   | 0803 (1608M)        | 0.9             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R61A225KE13  | 2.2 uF                | 10Vdc             | X5R (EIA)                   | 0803 (1608M)        | 0.9             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R61E225KE13  | 2.2 uF                | 25Vdc             | X5R (EIA)                   | 0803 (1608M)        | 0.9             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R61H225KE13  | 2.2 uF                | 50Vdc             | X5R (EIA)                   | 0803 (1608M)        | 1               | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188RYA225KE13   | 2.2 uF                | 35Vdc             | X5R (EIA)                   | 0803 (1608M)        | 0.9             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R70J225KE13  | 2.2 uF                | 6.3Vdc            | X7R (EIA)                   | 0803 (1608M)        | 0.9             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188C71C475KE13  | 4.7 uF                | 16Vdc             | X7S (EIA)                   | 0803 (1608M)        | 1               | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188C80G475KE01  | 4.7 uF                | 4Vdc              | X6S (EIA)                   | 0803 (1608M)        | 0.9             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188C80J475KE01  | 4.7 uF                | 6.3Vdc            | X6S (EIA)                   | 0803 (1608M)        | 0.9             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188C80J475ME01  | 4.7 uF                | 6.3Vdc            | X6S (EIA)                   | 0803 (1608M)        | 0.9             | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188C81C475KE13  | 4.7 uF                | 16Vdc             | X6S (EIA)                   | 0803 (1608M)        | 0.95            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188C81E475KE13  | 4.7 uF                | 25Vdc             | X6S (EIA)                   | 0803 (1608M)        | 1               | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R60J475KE01  | 4.7 uF                | 6.3Vdc            | X5R (EIA)                   | 0803 (1608M)        | 0.9             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R61C475KE13  | 4.7 uF                | 16Vdc             | X5R (EIA)                   | 0803 (1608M)        | 0.95            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R61E475KE13  | 4.7 uF                | 25Vdc             | X5R (EIA)                   | 0803 (1608M)        | 0.95            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188RYA475KE13   | 4.7 uF                | 35Vdc             | X5R (EIA)                   | 0803 (1608M)        | 1               | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188C80G106ME13  | 10 uF                 | 4Vdc              | X6S (EIA)                   | 0803 (1608M)        | 0.9             | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188C80J106ME13  | 10 uF                 | 6.3Vdc            | X6S (EIA)                   | 0803 (1608M)        | 1               | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188C81A106ME13  | 10 uF                 | 10Vdc             | X6S (EIA)                   | 0803 (1608M)        | 1               | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188C81C106ME13  | 10 uF                 | 16Vdc             | X6S (EIA)                   | 0803 (1608M)        | 1               | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188D70J106ME13  | 10 uF                 | 6.3Vdc            | X7T (EIA)                   | 0803 (1608M)        | 1               | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188D71A106ME13  | 10 uF                 | 10Vdc             | X7T (EIA)                   | 0803 (1608M)        | 1               | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R60G106ME13  | 10 uF                 | 4Vdc              | X5R (EIA)                   | 0803 (1608M)        | 0.9             | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R60J106ME13  | 10 uF                 | 6.3Vdc            | X5R (EIA)                   | 0803 (1608M)        | 0.9             | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R61A106KE13  | 10 uF                 | 10Vdc             | X5R (EIA)                   | 0803 (1608M)        | 0.95            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R61C106KE13  | 10 uF                 | 16Vdc             | X5R (EIA)                   | 0803 (1608M)        | 0.95            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R61E106ME13  | 10 uF                 | 25Vdc             | X5R (EIA)                   | 0803 (1608M)        | 1               | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188C80G226ME13  | 22 uF                 | 4Vdc              | X6S (EIA)                   | 0803 (1608M)        | 1               | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188C80J226ME13  | 22 uF                 | 6.3Vdc            | X6S (EIA)                   | 0803 (1608M)        | 1               | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R60E226ME13  | 22 uF                 | 2.5Vdc            | X5R (EIA)                   | 0803 (1608M)        | 0.95            | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R60J226ME13  | 22 uF                 | 6.3Vdc            | X5R (EIA)                   | 0803 (1608M)        | 1               | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT188R61A226ME13  | 22 uF                 | 10Vdc             | X5R (EIA)                   | 0803 (1608M)        | 1               | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT2165C1E182JA12  | 1800 pF               | 25Vdc             | COG (EIA)                   | 0805 (2012M)        | 0.6             | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT2165C2A182JA02  | 1800 pF               | 100Vdc            | COG (EIA)                   | 0805 (2012M)        | 0.7             | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT2165C1E222JA12  | 2200 pF               | 25Vdc             | COG (EIA)                   | 0805 (2012M)        | 0.6             | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT2165C2A222JA02  | 2200 pF               | 100Vdc            | COG (EIA)                   | 0805 (2012M)        | 0.7             | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT2165C2A272JA02  | 2700 pF               | 100Vdc            | COG (EIA)                   | 0805 (2012M)        | 0.7             | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT2165C2A332JA02  | 3300 pF               | 100Vdc            | COG (EIA)                   | 0805 (2012M)        | 0.7             | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT21B5C1IH183JA02 | 18000 pF              | 50Vdc             | COG (EIA)                   | 0805 (2012M)        | 1.35            | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT21B5C1H223JA02  | 22000 pF              | 50Vdc             | COG (EIA)                   | 0805 (2012M)        | 1.35            | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT21BR72A473KE01  | 47000 pF              | 100Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR71AH474KE01 | 470000 pF             | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC81E105KE13  | 1 uF                  | 25Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR71E105KE13  | 1 uF                  | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR71H105KE01  | 1 uF                  | 50Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC81C225KA02  | 2.2 uF                | 16Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC81E225KA02  | 2.2 uF                | 25Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC8YA225KE13  | 2.2 uF                | 35Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BD71H225KE13  | 2.2 uF                | 50Vdc             | X7T (EIA)                   | 0805 (2012M)        | 1.45            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BD72A225KE13  | 2.2 uF                | 100Vdc            | X7T (EIA)                   | 0805 (2012M)        | 1.45            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR61C225KA02  | 2.2 uF                | 16Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR61E225KA02  | 2.2 uF                | 25Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR61H225KE13  | 2.2 uF                | 50Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR71C225KE01  | 2.2 uF                | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR71E225KE13  | 2.2 uF                | 25Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT219R61A335KE01  | 3.3 uF                | 10Vdc             | X5R (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT219R61C335KE01  | 3.3 uF                | 16Vdc             | X5R (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC81C335KE13  | 3.3 uF                | 16Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC81E335KE13  | 3.3 uF                | 25Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR61A335KE13  | 3.3 uF                | 10Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT219C81A475KE01  | 4.7 uF                | 10Vdc             | X6S (EIA)                   | 0805 (2012M)        | 0.95            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC71E475KE13  | 4.7 uF                | 25Vdc             | X7S (EIA)                   | 0805 (2012M)        | 1.45            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC71H475KE13  | 4.7 uF                | 50Vdc             | X7S (EIA)                   | 0805 (2012M)        | 1.45            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC81C475KA02  | 4.7 uF                | 16Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC81E475KA02  | 4.7 uF                | 25Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC8YA475KE13  | 4.7 uF                | 35Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR60J475KE13  | 4.7 uF                | 6.3Vdc            | X5R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR61A475KE13  | 4.7 uF                | 10Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR61C475KA02  | 4.7 uF                | 16Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR61E475KA02  | 4.7 uF                | 25Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR61H475KE13  | 4.7 uF                | 50Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR71A475KE13  | 4.7 uF                | 10Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR71C475KE13  | 4.7 uF                | 16Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC71C106KE13  | 10 uF                 | 16Vdc             | X7S (EIA)                   | 0805 (2012M)        | 1.45            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC71E106KE13  | 10 uF                 | 25Vdc             | X7S (EIA)                   | 0805 (2012M)        | 1.45            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC81A106KE01  | 10 uF                 | 10Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC81C106KE01  | 10 uF                 | 16Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR60J106KE01  | 10 uF                 | 6.3Vdc            | X5R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR61A106KE01  | 10 uF                 | 10Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR61C106KE01  | 10 uF                 | 16Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.35            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR61E106KE13  | 10 uF                 | 25Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR70J106KE13  | 10 uF                 | 6.3Vdc            | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR71A106KE13  | 10 uF                 | 10Vdc             | X7R (EIA)                   | 0805 (2012M)        | 1.4             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC81A226ME13  | 22 uF                 | 10Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.45            | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC81C226ME13  | 22 uF                 | 16Vdc             | X6S (EIA)                   | 0805 (2012M)        | 1.45            | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BD70J226ME13  | 22 uF                 | 6.3Vdc            | X7T (EIA)                   | 0805 (2012M)        | 1.45            | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BD71A226ME13  | 22 uF                 | 10Vdc             | X7T (EIA)                   | 0805 (2012M)        | 1.45            | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR60J226ME13  | 22 uF                 | 6.3Vdc            | X5R (EIA)                   | 0805 (2012M)        | 1.4             | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR61A226ME13  | 22 uF                 | 10Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.4             | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR61C226ME13  | 22 uF                 | 16Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.45            | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BR61E226ME13  | 22 uF                 | 25Vdc             | X5R (EIA)                   | 0805 (2012M)        | 1.45            | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC80E476ME13  | 47 uF                 | 2.5Vdc            | X6S (EIA)                   | 0805 (2012M)        | 1.45            | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT21BC80G476ME13  | 47 uF                 | 4Vdc              | X6S (EIA)                   | 0805 (2012M)        | 1.45            | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz - 6 GHz                     |
| GRT3195C2A392JA02  | 3900 pF               | 100Vdc            | COG (EIA)                   | 1206 (3216M)        | 0.95            | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT3195C2A472JA02  | 4700 pF               | 100Vdc            | COG (EIA)                   | 1206 (3216M)        | 0.95            | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT3195C2A562JA02  | 5600 pF               | 100Vdc            | COG (EIA)                   | 1206 (3216M)        | 0.95            | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT3195C2A682JA02  | 6800 pF               | 100Vdc            | COG (EIA)                   | 1206 (3216M)        | 0.95            | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT3195C2A822JA02  | 8200 pF               | 100Vdc            | COG (EIA)                   | 1206 (3216M)        | 0.95            | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT3195C2A103JA02  | 10000 pF              | 100Vdc            | COG (EIA)                   | 1206 (3216M)        | 0.95            | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT3195C2A183JA02  | 18000 pF              | 100Vdc            | COG (EIA)                   | 1206 (3216M)        | 0.95            | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT3195C2A223JA02  | 22000 pF              | 100Vdc            | COG (EIA)                   | 1206 (3216M)        | 0.95            | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT31C5C1IH563JA02 | 56000 pF              | 50Vdc             | COG (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT31C5C1IH683JA02 | 68000 pF              | 50Vdc             | COG (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT31C5C1IH823JA02 | 82000 pF              | 50Vdc             | COG (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT31C5C1E104JA02  | 100000 pF             | 25Vdc             | COG (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT31C5C1IH104JA02 | 100000 pF             | 50Vdc             | COG (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT31C5C2A104JA12  | 100000 pF             | 100Vdc            | COG (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT31C5C1C124JA02  | 120000 pF             | 16Vdc             | COG (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT31C5C1E124JA02  | 120000 pF             | 25Vdc             | COG (EIA)                   | 1206 (3216M)        | 1.8             | ±5%                   | Infotainment for Automotive AEC-Q200 | 1 MHz - 6 GHz                      |
| GRT31MC81IH105KE01 | 1 uF                  | 50Vdc             | X6S (EIA)                   | 1206 (3             |                 |                       |                                      |                                    |

| Part Number       | Capacitance (Nominal) | Rated Voltage (V) | Temperature Characteristics | Size Code (inch (mm)) | T size (mm Max) | Capacitance Tolerance | Type                                 | Frequency Range (simulation model) |
|-------------------|-----------------------|-------------------|-----------------------------|-----------------------|-----------------|-----------------------|--------------------------------------|------------------------------------|
| GRT31CC81H225KE01 | 2.2 uF                | 50Vdc             | X6S (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR61H225KE01 | 2.2 uF                | 50Vdc             | X5R (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR71H225KE13 | 2.2 uF                | 50Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR61E335KE01 | 3.3 uF                | 25Vdc             | X6S (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CC81C475KE01 | 4.7 uF                | 16Vdc             | X6S (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CC81C475ME01 | 4.7 uF                | 16Vdc             | X6S (EIA)                   | 1206 (3216M)          | 1.8             | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR61E475KE01 | 4.7 uF                | 25Vdc             | X6S (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR61C475KE01 | 4.7 uF                | 16Vdc             | X5R (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR61C475ME01 | 4.7 uF                | 16Vdc             | X5R (EIA)                   | 1206 (3216M)          | 1.8             | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR61E475KE01 | 4.7 uF                | 25Vdc             | X5R (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31MC81C685KE01 | 6.8 uF                | 16Vdc             | X6S (EIA)                   | 1206 (3216M)          | 1.25            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31MR61C685KE01 | 6.8 uF                | 16Vdc             | X5R (EIA)                   | 1206 (3216M)          | 1.25            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31SR6YA106KE01 | 10 uF                 | 35Vdc             | X5R (EIA)                   | 1206 (3216M)          | 0.95            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CC81A106KE01 | 10 uF                 | 10Vdc             | X6S (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CC81A106ME01 | 10 uF                 | 10Vdc             | X6S (EIA)                   | 1206 (3216M)          | 1.8             | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CC81C106KE01 | 10 uF                 | 16Vdc             | X6S (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CC81C106ME01 | 10 uF                 | 16Vdc             | X6S (EIA)                   | 1206 (3216M)          | 1.8             | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CC81E106KE01 | 10 uF                 | 25Vdc             | X6S (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CC8YA106KE01 | 10 uF                 | 35Vdc             | X6S (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31GD71H106KE13 | 10 uF                 | 50Vdc             | X7T (EIA)                   | 1206 (3216M)          | 1.9             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR61A106KE01 | 10 uF                 | 10Vdc             | X5R (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR61C106KE01 | 10 uF                 | 16Vdc             | X5R (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR61E106KE01 | 10 uF                 | 25Vdc             | X5R (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR61E106ME01 | 10 uF                 | 25Vdc             | X5R (EIA)                   | 1206 (3216M)          | 1.8             | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR61H106KE01 | 10 uF                 | 50Vdc             | X5R (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR6YA106KE01 | 10 uF                 | 35Vdc             | X5R (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR71E106KE13 | 10 uF                 | 25Vdc             | X7R (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31MC81E106KE01 | 10 uF                 | 25Vdc             | X6S (EIA)                   | 1206 (3216M)          | 1.25            | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR60J156KE01 | 15 uF                 | 6.3Vdc            | X5R (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31GC71C226ME13 | 22 uF                 | 16Vdc             | X7S (EIA)                   | 1206 (3216M)          | 1.9             | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31GC71E226ME13 | 22 uF                 | 25Vdc             | X7S (EIA)                   | 1206 (3216M)          | 1.9             | ±20%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CC80G226KE01 | 22 uF                 | 4Vdc              | X6S (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CC80J226KE01 | 22 uF                 | 6.3Vdc            | X6S (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CC81A226KE01 | 22 uF                 | 10Vdc             | X6S (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CC81C226KE01 | 22 uF                 | 16Vdc             | X6S (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR60J226KE01 | 22 uF                 | 6.3Vdc            | X5R (EIA)                   | 1206 (3216M)          | 1.8             | ±10%                  | Infotainment for Automotive AEC-Q200 | 100 Hz ~ 6 GHz                     |
| GRT31CR61A226KE01 | 22 uF                 | 10                |                             |                       |                 |                       |                                      |                                    |



| Part Number       | Capacitance<br>(Nominal) | Rated Voltage<br>(V) | Temperature<br>Characteristics | Size Code<br>inch (mm) | T size<br>(mm Max.) | Capacitance<br>Tolerance | Type                                  | Frequency Range<br>(simulation model) |
|-------------------|--------------------------|----------------------|--------------------------------|------------------------|---------------------|--------------------------|---------------------------------------|---------------------------------------|
| LLL317R71H223MA01 | 22000 pF                 | 50Vdc                | X7R (EIA)                      | 0612 (1632M)           | 0.8                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL315R71C473MA11 | 47000 pF                 | 16Vdc                | X7R (EIA)                      | 0612 (1632M)           | 0.5                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL315R71E473MA11 | 47000 pF                 | 25Vdc                | X7R (EIA)                      | 0612 (1632M)           | 0.5                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL317R71E473MA01 | 47000 pF                 | 25Vdc                | X7R (EIA)                      | 0612 (1632M)           | 0.8                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL317R71H473MA01 | 47000 pF                 | 50Vdc                | X7R (EIA)                      | 0612 (1632M)           | 0.8                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL315R71C104MA11 | 100000 pF                | 16Vdc                | X7R (EIA)                      | 0612 (1632M)           | 0.5                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL315R71E104MA11 | 100000 pF                | 25Vdc                | X7R (EIA)                      | 0612 (1632M)           | 0.5                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL317R71C104MA01 | 100000 pF                | 16Vdc                | X7R (EIA)                      | 0612 (1632M)           | 0.8                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL317R71E104MA01 | 100000 pF                | 25Vdc                | X7R (EIA)                      | 0612 (1632M)           | 0.8                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL31MR71E104MA01 | 100000 pF                | 25Vdc                | X7R (EIA)                      | 0612 (1632M)           | 1.25                | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL31MR71H104MA01 | 100000 pF                | 50Vdc                | X7R (EIA)                      | 0612 (1632M)           | 1.25                | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL315R71C224MA11 | 220000 pF                | 16Vdc                | X7R (EIA)                      | 0612 (1632M)           | 0.5                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL317R71C224MA01 | 220000 pF                | 16Vdc                | X7R (EIA)                      | 0612 (1632M)           | 0.8                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL31MR71E224MA01 | 220000 pF                | 25Vdc                | X7R (EIA)                      | 0612 (1632M)           | 1.25                | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL315R71A474MA11 | 470000 pF                | 10Vdc                | X7R (EIA)                      | 0612 (1632M)           | 0.5                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL317R71A474MA01 | 470000 pF                | 10Vdc                | X7R (EIA)                      | 0612 (1632M)           | 0.8                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL317R71C474MA01 | 470000 pF                | 16Vdc                | X7R (EIA)                      | 0612 (1632M)           | 0.8                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL31MR71C474MA01 | 470000 pF                | 16Vdc                | X7R (EIA)                      | 0612 (1632M)           | 1.25                | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL31MR71E474MA01 | 470000 pF                | 25Vdc                | X7R (EIA)                      | 0612 (1632M)           | 1.25                | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL317R71A105MA01 | 1 uF                     | 10Vdc                | X7R (EIA)                      | 0612 (1632M)           | 0.8                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL31MR71C105MA01 | 1 uF                     | 16Vdc                | X7R (EIA)                      | 0612 (1632M)           | 1.25                | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL317R70J225MA01 | 2.2 uF                   | 6.3Vdc               | X7R (EIA)                      | 0612 (1632M)           | 0.8                 | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL31MR71A225MA01 | 2.2 uF                   | 10Vdc                | X7R (EIA)                      | 0612 (1632M)           | 1.25                | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL31MR70J475MA01 | 4.7 uF                   | 6.3Vdc               | X7R (EIA)                      | 0612 (1632M)           | 1.25                | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLL31MR60J106ME01 | 10 uF                    | 6.3Vdc               | X5R (EIA)                      | 0612 (1632M)           | 1.25                | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLR185C70G105ME01 | 1 uF                     | 4Vdc                 | X7S (EIA)                      | 0306 (0816M)           | 0.55                | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLR185C70G105ME03 | 1 uF                     | 4Vdc                 | X7S (EIA)                      | 0306 (0816M)           | 0.55                | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLR185C70G105ME05 | 1 uF                     | 4Vdc                 | X7S (EIA)                      | 0306 (0816M)           | 0.55                | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| LLR185C70G105ME07 | 1 uF                     | 4Vdc                 | X7S (EIA)                      | 0306 (0816M)           | 0.55                | ±20%                     | Low ESL                               | 100 Hz - 6 GHz                        |
| ZRA21CR61E226ME01 | 22 uF                    | 25Vdc                | X5R (EIA)                      |                        | 1.65                | ±20%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB155R61E225ME01 | 2.2 uF                   | 25Vdc                | X5R (EIA)                      | 0402 (1005M)           | 0.65                | ±20%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB157R61E225KE11 | 2.2 uF                   | 25Vdc                | X5R (EIA)                      | 0402 (1005M)           | 0.85                | ±10%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB157R6YA225KE11 | 2.2 uF                   | 35Vdc                | X5R (EIA)                      | 0402 (1005M)           | 0.85                | ±10%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB157R6YA225ME11 | 2.2 uF                   | 35Vdc                | X5R (EIA)                      | 0402 (1005M)           | 0.85                | ±20%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB15XC80G106ME05 | 10 uF                    | 4Vdc                 | X6S (EIA)                      | 0402 (1005M)           | 0.85                | ±20%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB15XR60J106ME12 | 10 uF                    | 6.3Vdc               | X5R (EIA)                      | 0402 (1005M)           | 0.8                 | ±20%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB18AR6YA475KE05 | 4.7 uF                   | 35Vdc                | X5R (EIA)                      | 0603 (1608M)           | 1.2                 | ±10%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB18AR6YA475ME05 | 4.7 uF                   | 35Vdc                | X5R (EIA)                      | 0603 (1608M)           | 1.2                 | ±20%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB18AR61E106KE01 | 10 uF                    | 25Vdc                | X5R (EIA)                      | 0603 (1608M)           | 1.2                 | ±10%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB18AR61E106ME01 | 10 uF                    | 25Vdc                | X5R (EIA)                      | 0603 (1608M)           | 1.2                 | ±20%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB186R60G226ME11 | 22 uF                    | 4Vdc                 | X5R (EIA)                      | 0603 (1608M)           | 0.8                 | ±20%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB186R60J226ME11 | 22 uF                    | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 0.8                 | ±20%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB188R61A226ME05 | 22 uF                    | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 0.95                | ±20%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB18AR61A226ME01 | 22 uF                    | 10Vdc                | X5R (EIA)                      | 0603 (1608M)           | 1.2                 | ±20%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB18AC80E476ME01 | 47 uF                    | 2.5Vdc               | X6S (EIA)                      | 0603 (1608M)           | 1.2                 | ±20%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |
| ZRB18AR60J476ME01 | 47 uF                    | 6.3Vdc               | X5R (EIA)                      | 0603 (1608M)           | 1.2                 | ±20%                     | Acoustic noise reduction (interposer) | 100 Hz - 6 GHz                        |