Part Number	Capacitance (Nominal)	Rated Voltage (V)	Temperature Characteristics	Size Code inch (mm)	T size (mm Max.)	Capacitance Tolerance	Type	Frequency Range (simulation model)
GCD188R71H102KA01	1000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H102MA01	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
GCD188R71H122KA01	1200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H122MA01	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
GCD188R71H152KA01	1500 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H152MA01	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
GCD188R71H182KA01	1800 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H182MA01	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
GCD188R71H222KA01	2200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H222MA01	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
GCD188R71H272KA01	2700 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H272MA01	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
GCD188R71H332KA01	3300 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H332MA01	3300 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A332KA01	3300 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A332MA01	3300 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H392KA01	3900 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H392MA01	3900 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A392KA01	3900 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A392MA01	3900 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H472KA01	4700 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H472MA01	4700 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A472KA01	4700 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A472MA01	4700 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H562KA01	5600 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H562MA01	5600 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A562KA01	5600 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A562MA01	5600 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H682KA01	6800 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H682MA01	6800 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A682KA01	6800 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A682MA01	6800 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H822KA01	8200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H822MA01	8200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A822KA01	8200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A822MA01	8200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H103KA01	10000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H103MA01	10000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A103KA01	10000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A103MA01	10000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H123KA01	12000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H123MA01	12000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A123KA01	12000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A123MA01	12000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H153KA01	15000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H153MA01	15000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A153KA01	15000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A153MA01	15000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H183KA01	18000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H183MA01	18000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A183KA01	18000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A183MA01	18000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H223KA01	22000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71H223MA01	22000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A223KA01	22000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R72A223MA01	22000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71E273KA01	27000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71E273MA01	27000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71E333KA01	33000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71E333MA01	33000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71E393KA01	39000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71E393MA01	39000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71E473KA01	47000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD188R71E473MA01	47000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R71H102KA01	1000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R72A102KA01	1000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R71H152KA01	1500 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R72A152KA01	1500 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R71H222KA01	2200 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R72A222KA01	2200 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R71H272KA01	2700 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R72A272KA01	2700 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R71H332KA01	3300 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R72A332KA01	3300 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R71H392KA01	3900 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R72A392KA01	3900 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R71H472KA01	4700 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R72A472KA01	4700 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R71H562KA01	5600 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD216R72A562KA01	5600 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD219R72A682KA01	6800 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD21BR72A822KA01	8200 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD21BR72A103KA01	10000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD21BR72A123KA01	12000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 kHz - 6 GHz
GCD21BR71H153KA01	15000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD21BR72A153KA01	15000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD21BR72A183KA01	18000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD21BR71H223KA01	22000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 kHz - 6 GHz
GCD21BR72A223KA01	22000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 kHz - 6 GHz
GCD21BR71H273KA01	27000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD21BR71H273MA01	27000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD21BR72A273KA01	27000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD21BR72A273MA01	27000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD21BR71H333KA01	33000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD21BR71H333MA01	33000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
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
GCD21BR71H393KA01	39000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCD21BR71H393MA01	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

Part Number	Capacitance (Nominal)	Rated Voltage (V)	Temperature Characteristics	Size Code inch (mm)	T size (mm Max.)	Capacitance Tolerance	Type	Frequency Range (simulation model)
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%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H102MA01	1000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A102KA01	1000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A102MA01	1000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H122KA01	1200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H122MA01	1200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A122KA01	1200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A122MA01	1200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H152KA01	1500 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H152MA01	1500 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A152KA01	1500 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A152MA01	1500 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H182KA01	1800 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H182MA01	1800 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A182KA01	1800 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A182MA01	1800 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H222KA01	2200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H222MA01	2200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A222KA01	2200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A222MA01	2200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H272KA01	2700 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H272MA01	2700 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A272KA01	2700 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A272MA01	2700 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H332KA01	3300 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H332MA01	3300 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A332KA01	3300 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A332MA01	3300 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H392KA01	3900 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H392MA01	3900 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A392KA01	3900 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A392MA01	3900 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H472KA01	4700 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H472MA01	4700 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A472KA01	4700 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A472MA01	4700 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H562KA01	5600 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H562MA01	5600 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A562KA01	5600 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A562MA01	5600 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H682KA01	6800 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H682MA01	6800 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A682KA01	6800 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A682MA01	6800 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H822KA01	8200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H822MA01	8200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A822KA01	8200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A822MA01	8200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H103KA01	10000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H103MA01	10000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A103KA01	10000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A103MA01	10000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H123KA01	12000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H123MA01	12000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A123KA01	12000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A123MA01	12000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H153KA01	15000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H153MA01	15000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A153KA01	15000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A153MA01	15000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H183KA01	18000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H183MA01	18000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A183KA01	18000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A183MA01	18000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H223KA01	22000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71H223MA01	22000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A223KA01	22000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R72A223MA01	22000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71E273KA01	27000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71E273MA01	27000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71E333KA01	33000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71E333MA01	33000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71E393KA01	39000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71E393MA01	39000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71E473KA01	47000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE188R71E473MA01	47000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE219R72A221KA01	220 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE219R72A221MA01	220 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE219R72A471KA01	470 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE219R72A681KA01	680 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE216R72A102KA01	1000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE216R71H152KA01	1500 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE216R72A152KA01	1500 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE216R72A222KA01	2200 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE216R71H332KA01	3300 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE216R72A332KA01	3300 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE216R71H392KA01	3900 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE216R72A392KA01	3900 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE216R71H472KA01	4700 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE216R72A472KA01	4700 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE219R72A682KA01	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
GCE21BR71H273KA01	27000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCE21BR71H273MA01	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

Part Number	Capacitance (Nominal)	Rated Voltage (V)	Temperature Characteristics	Size Code inch (mm)	T size (mm Max.)	Capacitance Tolerance	Type	Frequency Range (simulation model)
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
GCH033R61E101KE01	100 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Implantable medical device	100 Hz – 6 GHz
GCH033R61E221KE01	220 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Implantable medical device	100 Hz – 6 GHz
GCH033R61E471KE01	470 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
GCH033R60J104KE01	100000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Implantable medical device	100 Hz – 6 GHz
GCH033R61A104KE01	100000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Implantable medical device	100 Hz – 6 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
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
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	100000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Implantable medical device	100 Hz – 6 GHz
GCH155R71C224KE01	220000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Implantable medical device	100 Hz – 6 GHz
GCH155R61A474KE11	470000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.6	±10%	Implantable medical device	100 Hz – 6 GHz
GCH155C71A105KE11	1 uF	10Vdc	X7S (EIA)	0402(1005M)	0.7	±10%	Implantable medical device	100 Hz – 6 GHz
GCH188R72A103KE01	10000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Implantable medical device	100 Hz – 6 GHz
GCH188R72A223KE01	22000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Implantable medical device	100 Hz – 6 GHz
GCH188R71E104KE01	100000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Implantable medical device	100 Hz – 6 GHz
GCH188R71H104KE01	100000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Implantable medical device	100 Hz – 6 GHz
GCH188R72A104KE01	100000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Implantable medical device	100 kHz – 6 GHz
GCH188R71E224KE01	220000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Implantable medical device	100 Hz – 6 GHz
GCH188R71H224KE01	220000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Implantable medical device	100 Hz – 6 GHz
GCH188R71C474KE01	470000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Implantable medical device	100 Hz – 6 GHz
GCH188R71E474KE01	470000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Implantable medical device	100 Hz – 6 GHz
GCH188R71C105KE01	1 uF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Implantable medical device	100 Hz – 6 GHz
GCH188R71E105KE01	1 uF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Implantable medical device	100 Hz – 6 GHz
GCH188C71A225KE01	2.2 uF	10Vdc	X7S (EIA)	0603(1608M)	0.9	±10%	Implantable medical device	100 Hz – 6 GHz
GCH188R70J225KE01	2.2 uF	6.3Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Implantable medical device	100 Hz – 6 GHz
GCH188R61C475KE11	4.7 uF	16Vdc	X5R (EIA)	0603(1608M)	1	±10%	Implantable medical device	100 Hz – 6 GHz
GCH188R60J106ME11	10 uF	6.3Vdc	X5R (EIA)	0603(1608M)	1.05	±20%	Implantable medical device	100 Hz – 6 GHz
GCH188R61A106ME11	10 uF	10Vdc	X5R (EIA)	0603(1608M)	1.05	±20%	Implantable medical device	100 Hz – 6 GHz
GCH188R61C106ME11	10 uF	16Vdc	X5R (EIA)	0603(1608M)	1.05	±20%	Implantable medical device	100 Hz – 6 GHz
GCH21BR72A473KE01	47000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BR72A104KE01	100000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BR71H474KE01	470000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BC72A105KE11	1 uF	100Vdc	X7S (EIA)	0805(2012M)	1.45	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BR71E105KE01	1 uF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BR71H105KE01	1 uF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BR7YA105KE01	1 uF	35Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BR71C225KE01	2.2 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BR71E225KE01	2.2 uF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BC71A475KE01	4.7 uF	10Vdc	X7S (EIA)	0805(2012M)	1.4	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BC71E475KE11	4.7 uF	25Vdc	X7S (EIA)	0805(2012M)	1.45	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BC7YA475KE11	4.7 uF	35Vdc	X7S (EIA)	0805(2012M)	1.45	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BR71C475KE01	4.7 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BR61C106KE11	10 uF	16Vdc	X5R (EIA)	0805(2012M)	1.45	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BR70J106KE01	10 uF	6.3Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BR71A106KE01	10 uF	10Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Implantable medical device	100 Hz – 6 GHz
GCH21BR60J226ME11	22 uF	6.3Vdc	X5R (EIA)	0805(2012M)	1.45	±20%	Implantable medical device	100 Hz – 6 GHz
GCH31MR72A224KE01	220000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.25	±10%	Implantable medical device	100 Hz – 6 GHz
GCH31CR71H225KE01	2.2 uF	50Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	Implantable medical device	100 Hz – 6 GHz
GCH31CR71C106KE01	10 uF	16Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	Implantable medical device	100 Hz – 6 GHz
GCH31CR60J226KE01	22 uF	6.3Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	Implantable medical device	100 Hz – 6 GHz
GCH31CR61C226ME11	22 uF	16Vdc	X5R (EIA)	1206(3216M)	1.9	±20%	Implantable medical device	100 Hz – 6 GHz
GCH32ER71H475KE01	4.7 uF	50Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Implantable medical device	100 Hz – 6 GHz
GCH32ER71A226KE01	22 uF	10Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Implantable medical device	100 Hz – 6 GHz
GCH32ER70J476KE01	47 uF	6.3Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Implantable medical device	100 Hz – 6 GHz
GCJ188L81H102KA01	1000 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81H102MA01	1000 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E102KA01	1000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E102MA01	1000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H102KA01	1000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H102MA01	1000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A102KA01	1000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A102MA01	1000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A102KA01	1000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A102MA01	1000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E122KA01	1200 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H122KA01	1200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 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)
GCJ188R72A122KA01	1200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A122KA01	1200 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81H152KA01	1500 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81H152MA01	1500 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E152KA01	1500 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E152MA01	1500 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H152KA01	1500 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H152MA01	1500 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A152KA01	1500 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A152MA01	1500 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A152KA01	1500 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81H182KA01	1800 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E182KA01	1800 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H182KA01	1800 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
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
GCJ188R71H222MA01	2200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	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
GCJ188R72A222MA01	2200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	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)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E562KA01	5600 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H562KA01	5600 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A562KA01	5600 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A562KA01	5600 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81H682KA01	6800 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E682KA01	6800 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H682KA01	6800 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A682KA01	6800 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A682KA01	6800 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81H822KA01	8200 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E822KA01	8200 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H822KA01	8200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A822KA01	8200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A822KA01	8200 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81H103KA01	10000 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81H103MA01	10000 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C103KA01	10000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C103MA01	10000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E103KA01	10000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E103MA01	10000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H103KA01	10000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H103MA01	10000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A103KA01	10000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A103MA01	10000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R91H103KA01	10000 pF	50Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R91H103MA01	10000 pF	50Vdc	X8R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A103KA01	10000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A103MA01	10000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81H123KA01	12000 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E123KA01	12000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H123KA01	12000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A123KA01	12000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A123KA01	12000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81H153KA01	15000 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81H153MA01	15000 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E153KA01	15000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E153MA01	15000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H153KA01	15000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H153MA01	15000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A153KA01	15000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A153MA01	15000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A153KA01	15000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E183KA01	18000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H183KA01	18000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A183KA01	18000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A183KA01	18000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81H223KA01	22000 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81H223MA01	22000 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E223KA01	22000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E223MA01	22000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H223KA01	22000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H223MA01	22000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A223KA01	22000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A223MA01	22000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A223KA01	22000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A223MA01	22000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C273KA01	27000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C273MA01	27000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E273KA01	27000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E273MA01	27000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A273KA01	27000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81E333KA01	33000 pF	25Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L8YA333KA01	33000 pF	35Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C333KA01	33000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C333MA01	33000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 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)
GCJ188R71E333KA01	33000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E333MA01	33000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H333KA12	33000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A333KA01	33000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A333MA01	33000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81C393KA01	39000 pF	16Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81E393KA01	39000 pF	25Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L8YA393KA01	39000 pF	35Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C393KA01	39000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E393KA01	39000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H393KA12	39000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A393KA01	39000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81C473KA01	47000 pF	16Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81C473MA01	47000 pF	16Vdc	X8L (MURATA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C473KA01	47000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E473KA01	47000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H473KA12	47000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H473MA12	47000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A473KA01	47000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A473MA01	47000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81E563KA01	56000 pF	25Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L8YA563KA01	56000 pF	35Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C563KA01	56000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E563KA12	56000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H563KA12	56000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A563KA01	56000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81C683KA01	68000 pF	16Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81C683MA01	68000 pF	16Vdc	X8L (MURATA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81E683KA01	68000 pF	25Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81E683MA01	68000 pF	25Vdc	X8L (MURATA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L8YA683KA01	68000 pF	35Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L8YA683MA01	68000 pF	35Vdc	X8L (MURATA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C683KA01	68000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E683KA12	68000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E683MA12	68000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H683KA12	68000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H683MA12	68000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R92A683KA01	68000 pF	100Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81E823KA01	82000 pF	25Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C823KA01	82000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E823KA12	82000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H823KA12	82000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81C104KA01	100000 pF	16Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81C104MA01	100000 pF	16Vdc	X8L (MURATA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L8EL104KA07	100000 pF	100Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C104KA01	100000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E104KA12	100000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E104MA12	100000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H104KA12	100000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H104MA12	100000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A104KA01	100000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R72A104MA01	100000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R91H104KA01	100000 pF	50Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81C124KA01	120000 pF	16Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71A124KA01	120000 pF	10Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C124KA01	120000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E124KA01	120000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R91H124KA01	120000 pF	50Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81C154KA01	150000 pF	16Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 kHz – 6 GHz
GCJ188L81C154MA01	150000 pF	16Vdc	X8L (MURATA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 kHz – 6 GHz
GCJ188L81E154KA01	150000 pF	25Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L8EH154KA07	150000 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71A154KA01	150000 pF	10Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 kHz – 6 GHz
GCJ188R71A154MA01	150000 pF	10Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 kHz – 6 GHz
GCJ188R71C154KA01	150000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E154KA01	150000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H154KA01	150000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R91H154KA01	150000 pF	50Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81E184KA01	180000 pF	25Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C184KA01	180000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E184KA12	180000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R91H184KA01	180000 pF	50Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81C224KA01	220000 pF	16Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L81E224KA01	220000 pF	25Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188L8EH224KA07	220000 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71A224KA01	220000 pF	10Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C224KA01	220000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E224KA12	220000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H224KA01	220000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71H224MA01	220000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R91H224KA01	220000 pF	50Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R91H224MA01	220000 pF	50Vdc	X8R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C274KA01	270000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C334KA01	330000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C334MA01	330000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R91E334KA01	330000 pF	25Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R91E334MA01	330000 pF	25Vdc	X8R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C394KA12	390000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C394MA12	390000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R91E394KA01	390000 pF	25Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C474KA12	470000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71C474MA12	470000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R91E474KA01	470000 pF	25Vdc	X8R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R91E474MA01	470000 pF	25Vdc	X8R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188D71H105KE02	1 uF	50Vdc	X7T (EIA)	0603(1608M)	1	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188D7YA105KE02	1 uF	35Vdc	X7T (EIA)	0603(1608M)	1	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E105KA01	1 uF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R71E105MA01	1 uF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R70J225KE01	2.2 uF	6.3Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188R70J225ME01	2.2 uF	6.3Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188C70J335KE02	3.3 uF	6.3Vdc	X7S (EIA)	0603(1608M)	1	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188C70J335ME02	3.3 uF	6.3Vdc	X7S (EIA)	0603(1608M)	1	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188C70J475KE02	4.7 uF	6.3Vdc	X7S (EIA)	0603(1608M)	1	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188C70J475ME02	4.7 uF	6.3Vdc	X7S (EIA)	0603(1608M)	1	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188M8EC475KE08	4.7 uF	6.3Vdc	X8M (MURATA)	0603(1608M)	1	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188D70J106ME02	10 uF	6.3Vdc	X7T (EIA)	0603(1608M)	1	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188D70E226ME02	22 uF	2.5Vdc	X7T (EIA)	0603(1608M)	1.05	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ188D70G226ME02	22 uF	4Vdc	X7T (EIA)	0603(1608M)	1.05	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A221KA01	220 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A221MA01	220 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A271KA01	270 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71H331KA01	330 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71H331MA01	330 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A331KA01	330 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A391KA01	390 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71E471KA01	470 pF	25Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71E471MA01	470 pF	25Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 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)
GCJ216R71H471KA01	470 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71H471MA01	470 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A471KA01	470 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A471MA01	470 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71E561KA01	560 pF	25Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71E561MA01	560 pF	25Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71H561KA01	560 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71H561MA01	560 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A561KA01	560 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A681KA01	680 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A681MA01	680 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71E821KA01	820 pF	25Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71H821KA01	820 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A821KA01	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
GCJ216R71E472KA01	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	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R72A682KA01	6800 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R72A682MA01	6800 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R72A822KA01	8200 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71E103KA01	10000 pF	25Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71E103MA01	10000 pF	25Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71H103KA01	10000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71H103MA01	10000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R72A103KA01	10000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R72A103MA01	10000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R72A123KA01	12000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71H153KA01	15000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71H153MA01	15000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R72A153KA01	15000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R72A153MA01	15000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R72A183KA01	18000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71H223KA01	22000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R71H223MA01	22000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R72A223KA01	22000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ216R72A223MA01	22000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R71E223KA01	22000 pF	25Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R71E223MA01	22000 pF	25Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R71H273KA01	27000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R71H273MA01	27000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A273KA01	27000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A273MA01	27000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81H273KA01	27000 pF	50Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E273KA01	27000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R71H333KA01	33000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R71H333MA01	33000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A333KA01	33000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A333MA01	33000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R71H393KA01	39000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R72A393KA01	39000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81H393KA01	39000 pF	50Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81H473KA01	47000 pF	50Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81H473MA01	47000 pF	50Vdc	X8L (MURATA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E473KA01	47000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E473MA01	47000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H473KA01	47000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H473MA01	47000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR72A473KA01	47000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR72A473MA01	47000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81H563KA01	56000 pF	50Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E563KA01	56000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H563KA01	56000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR72A563KA01	56000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81H683KA01	68000 pF	50Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81H683MA01	68000 pF	50Vdc	X8L (MURATA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E683KA01	68000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E683MA01	68000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H683KA01	68000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H683MA01	68000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR72A683KA01	68000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR72A683MA01	68000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81H823KA01	82000 pF	50Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E823KA01	82000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H823KA01	82000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR72A823KA01	82000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81H104KA01	100000 pF	50Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR72A104KA01	100000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81E124KA01	120000 pF	25Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL8YA124KA01	120000 pF	35Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H124KA01	120000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81E154KA01	150000 pF	25Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81E154MA01	150000 pF	25Vdc	X8L (MURATA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL8YA154KA01	150000 pF	35Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL8YA154MA01	150000 pF	35Vdc	X8L (MURATA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H154KA01	150000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H154MA01	150000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 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)
GCJ21BL81E184KA01	180000 pF	25Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81E184MA01	180000 pF	25Vdc	X8L (MURATA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL8YA184KA01	180000 pF	35Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL8YA184MA01	180000 pF	35Vdc	X8L (MURATA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H184KA01	180000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H184MA01	180000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81E224KA01	220000 pF	25Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81E224MA01	220000 pF	25Vdc	X8L (MURATA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL8YA224KA01	220000 pF	35Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL8YA224MA01	220000 pF	35Vdc	X8L (MURATA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H224KA01	220000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H224MA01	220000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81E274KA01	270000 pF	25Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71C274KA01	270000 pF	16Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E274KA01	270000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R71E334KA01	330000 pF	25Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R71H334KA12	330000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R71H334MA12	330000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81E334KA01	330000 pF	25Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81E334MA01	330000 pF	25Vdc	X8L (MURATA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL8YA334KA01	330000 pF	35Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL8YA334MA01	330000 pF	35Vdc	X8L (MURATA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71C334KA01	330000 pF	16Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71C334MA01	330000 pF	16Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E334KA01	330000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E334MA01	330000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H334KA12	330000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H334MA12	330000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81E394KA01	390000 pF	25Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71C394KA01	390000 pF	16Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E394KA01	390000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R71E474KA12	470000 pF	25Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ219R71E474MA12	470000 pF	25Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81E474KA01	470000 pF	25Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL8EH474KA07	470000 pF	50Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL8YA474KA01	470000 pF	35Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81C564KA01	560000 pF	16Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71C564KA01	560000 pF	16Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E564KA12	560000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81C684KA01	680000 pF	16Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81C684MA01	680000 pF	16Vdc	X8L (MURATA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81E684KA01	680000 pF	25Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81E684MA01	680000 pF	25Vdc	X8L (MURATA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71C684KA01	680000 pF	16Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71C684MA01	680000 pF	16Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E684KA12	680000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E684MA12	680000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81C824KA01	820000 pF	16Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BL81E824KA01	820000 pF	25Vdc	X8L (MURATA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E824KA12	820000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BC72A105KE02	1 uF	100Vdc	X7S (EIA)	0805(2012M)	1.5	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BC72A105ME02	1 uF	100Vdc	X7S (EIA)	0805(2012M)	1.5	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71C105MA01	1 uF	16Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E105MA12	1 uF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71H105KA01	1 uF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E155KA01	1.5 uF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BD71H225KE02	2.2 uF	50Vdc	X7T (EIA)	0805(2012M)	1.5	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BD72A225KE02	2.2 uF	100Vdc	X7T (EIA)	0805(2012M)	1.5	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BD7YA225KE02	2.2 uF	35Vdc	X7T (EIA)	0805(2012M)	1.5	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71A225KA01	2.2 uF	10Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71A225MA01	2.2 uF	10Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71C225KA13	2.2 uF	16Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71C225MA13	2.2 uF	16Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E225KA01	2.2 uF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71E225MA01	2.2 uF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BD71H475KE02	4.7 uF	50Vdc	X7T (EIA)	0805(2012M)	1.5	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71C475KA01	4.7 uF	16Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71C475MA01	4.7 uF	16Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BC71C106KE02	10 uF	16Vdc	X7S (EIA)	0805(2012M)	1.5	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BC71E106KE02	10 uF	25Vdc	X7S (EIA)	0805(2012M)	1.5	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71A106KE01	10 uF	10Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BR71A106ME01	10 uF	10Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ21BD70J226ME02	22 uF	6.3Vdc	X7T (EIA)	0805(2012M)	1.5	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ319R71H104KA01	100000 pF	50Vdc	X7R (EIA)	1206(3216M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ319R71H104MA01	100000 pF	50Vdc	X7R (EIA)	1206(3216M)	0.95	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ319R72A104KA01	100000 pF	100Vdc	X7R (EIA)	1206(3216M)	0.95	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ319R72A104MA01	100000 pF	100Vdc	X7R (EIA)	1206(3216M)	0.95	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71E104KA01	100000 pF	25Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71E104MA01	100000 pF	25Vdc	X7R (EIA)	1206(3216M)	1.35	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71H104KA01	100000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71H104MA01	100000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71E124KA01	120000 pF	25Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71E154KA01	150000 pF	25Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR72A154KA01	150000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71E184KA01	180000 pF	25Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR72A184KA01	180000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71E224KA01	220000 pF	25Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71E224MA01	220000 pF	25Vdc	X7R (EIA)	1206(3216M)	1.35	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71H224KA01	220000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71H224MA01	220000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR72A224KA01	220000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR72A224MA01	220000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.35	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71H274KA01	270000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31ML81E394KA01	390000 pF	25Vdc	X8L (MURATA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31ML81E394MA01	390000 pF	25Vdc	X8L (MURATA)	1206(3216M)	1.35	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31ML8YA394KA01	390000 pF	35Vdc	X8L (MURATA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31ML8YA394MA01	390000 pF	35Vdc	X8L (MURATA)	1206(3216M)	1.35	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71H394KA01	390000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71H394MA01	390000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31ML81E474KA01	470000 pF	25Vdc	X8L (MURATA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31ML81E474MA01	470000 pF	25Vdc	X8L (MURATA)	1206(3216M)	1.35	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31ML8YA474KA01	470000 pF	35Vdc	X8L (MURATA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31ML8YA474MA01	470000 pF	35Vdc	X8L (MURATA)	1206(3216M)	1.35	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71H474KA01	470000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71H474MA01	470000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CL81E564KA01	560000 pF	25Vdc	X8L (MURATA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CL8YA564KA01	560000 pF	35Vdc	X8L (MURATA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71H564KA12	560000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31MR71H564MA12	560000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CL81E684KA01	680000 pF	25Vdc	X8L (MURATA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CL81E684MA01	680000 pF	25Vdc	X8L (MURATA)	1206(3216M)	1.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CL8YA684KA01	680000 pF	35Vdc	X8L (MURATA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CL8YA684MA01	680000 pF	35Vdc	X8L (MURATA)	1206(3216M)	1.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CR71H684KA01	680000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CR71H684MA01	680000 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
GCJ31CL81E824KA01	820000 pF	25Vdc	X8L (MURATA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 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)
GCJ31CL8YA824KA01	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
GCJ31CL8YA105MA01	1 uF	35Vdc	X8L (MURATA)	1206(3216M)	1.9	±20%	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
GCJ31ML81C105KA01	1 uF	16Vdc	X8L (MURATA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31ML81C105MA01	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
GCJ31CC72A225KE01	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
GCJ31ML81C225KA01	2.2 uF	16Vdc	X8L (MURATA)	1206(3216M)	1.35	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31ML81C225MA01	2.2 uF	16Vdc	X8L (MURATA)	1206(3216M)	1.35	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CL81C335KA01	3.3 uF	16Vdc	X8L (MURATA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CR71C335KA01	3.3 uF	16Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CC71H475KA01	4.7 uF	50Vdc	X7S (EIA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CC71H475MA01	4.7 uF	50Vdc	X7S (EIA)	1206(3216M)	1.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CL81C475KA01	4.7 uF	16Vdc	X8L (MURATA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CL81C475MA01	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	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CR71C475MA01	4.7 uF	16Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CR71E475KA12	4.7 uF	25Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	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
GCJ31CR71A685KA13	6.8 uF	10Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CR71A685MA13	6.8 uF	10Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CC71E106KA15	10 uF	25Vdc	X7S (EIA)	1206(3216M)	2	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CC71E106MA15	10 uF	25Vdc	X7S (EIA)	1206(3216M)	2	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CD71H106KE02	10 uF	50Vdc	X7T (EIA)	1206(3216M)	2	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CR71A106KA13	10 uF	10Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CR71A106MA13	10 uF	10Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CR71C106KA15	10 uF	16Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CR71C106MA15	10 uF	16Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CC71C226ME02	22 uF	16Vdc	X7S (EIA)	1206(3216M)	2	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CL8ED226KE07	22 uF	10Vdc	X8L (MURATA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CR70J226KE01	22 uF	6.3Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CR70J226ME01	22 uF	6.3Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CR71A226KE01	22 uF	10Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CR71A226ME01	22 uF	10Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ31CD70G476ME01	47 uF	4Vdc	X7T (EIA)	1206(3216M)	1.9	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32DL8EL225KA07	2.2 uF	100Vdc	X8L (MURATA)	1210(3225M)	2.3	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32DR72A225KA01	2.2 uF	100Vdc	X7R (EIA)	1210(3225M)	2.3	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32DR72A225MA01	2.2 uF	100Vdc	X7R (EIA)	1210(3225M)	2.3	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32DC72A475KE01	4.7 uF	100Vdc	X7S (EIA)	1210(3225M)	2.3	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32EL81E475KA01	4.7 uF	25Vdc	X8L (MURATA)	1210(3225M)	2.8	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32EL81E475MA01	4.7 uF	25Vdc	X8L (MURATA)	1210(3225M)	2.8	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32ER71H475KA12	4.7 uF	50Vdc	X7R (EIA)	1210(3225M)	2.8	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32ER71H475MA12	4.7 uF	50Vdc	X7R (EIA)	1210(3225M)	2.8	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32ER91C685KE01	6.8 uF	16Vdc	X8R (EIA)	1210(3225M)	2.8	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32EC71H106KA01	10 uF	50Vdc	X7S (EIA)	1210(3225M)	2.8	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32EC71H106MA01	10 uF	50Vdc	X7S (EIA)	1210(3225M)	2.8	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32ER91C106KE01	10 uF	16Vdc	X8R (EIA)	1210(3225M)	2.8	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32ER91C106ME01	10 uF	16Vdc	X8R (EIA)	1210(3225M)	2.8	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32EC71E226KE02	22 uF	25Vdc	X7S (EIA)	1210(3225M)	2.85	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32EL8EF226KE08	22 uF	25Vdc	X8L (MURATA)	1210(3225M)	2.85	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32ER71C226KE01	22 uF	16Vdc	X7R (EIA)	1210(3225M)	2.8	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32ER71C226ME01	22 uF	16Vdc	X7R (EIA)	1210(3225M)	2.8	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32ER70J476KE01	47 uF	6.3Vdc	X7R (EIA)	1210(3225M)	2.8	±10%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32ER70J476ME01	47 uF	6.3Vdc	X7R (EIA)	1210(3225M)	2.8	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32ED70E107ME02	100 uF	2.5Vdc	X7T (EIA)	1210(3225M)	2.85	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32ED70E227ME02	220 uF	2.5Vdc	X7T (EIA)	1210(3225M)	2.85	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCJ32ED70G227ME02	220 uF	4Vdc	X7T (EIA)	1210(3225M)	2.85	±20%	nal electrode for Powertrain/safety for Automotive	100 Hz – 6 GHz
GCM033R11E101KA01	100 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E101MA01	100 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E101KA01	100 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E101MA01	100 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E121KA01	120 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E121MA01	120 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E121KA01	120 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E121MA01	120 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E151KA01	150 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E151MA01	150 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E151KA01	150 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E151MA01	150 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E181KA01	180 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E181MA01	180 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E181KA01	180 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E181MA01	180 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E221KA01	220 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E221MA01	220 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E221KA01	220 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E221MA01	220 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E271KA01	270 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E271MA01	270 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E271KA01	270 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E271MA01	270 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E331KA01	330 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E331MA01	330 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E331KA01	330 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E331MA01	330 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E391KA01	390 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E391MA01	390 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E391KA01	390 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E391MA01	390 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E471KA01	470 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E471MA01	470 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E471KA01	470 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E471MA01	470 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E561KA01	560 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E561MA01	560 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E561KA01	560 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E561MA01	560 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E681KA01	680 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R11E681MA01	680 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E681KA01	680 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM033R71E681MA01	680 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz – 6 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)
GCM033R11E821KA01	820 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11E821MA01	820 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71E821KA01	820 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71E821MA01	820 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11E102KA01	1000 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11E102MA01	1000 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71E102KA01	1000 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71E102MA01	1000 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A122KA01	1200 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A122MA01	1200 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11E122KA01	1200 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11E122MA01	1200 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A122KA01	1200 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A122MA01	1200 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71E122KA01	1200 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71E122MA01	1200 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A152KA01	1500 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A152MA01	1500 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11E152KA01	1500 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11E152MA01	1500 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A152KA01	1500 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A152MA01	1500 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71E152KA01	1500 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71E152MA01	1500 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A182KA01	1800 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A182MA01	1800 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11C182KA40	1800 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11C182MA40	1800 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A182KA01	1800 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A182MA01	1800 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71C182KA40	1800 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71C182MA40	1800 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71E182KE01	1800 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A222KA01	2200 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A222MA01	2200 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11C222KA40	2200 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11C222MA40	2200 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A222KA01	2200 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A222MA01	2200 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71C222KA40	2200 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71C222MA40	2200 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71E222KE01	2200 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A272KA01	2700 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A272MA01	2700 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11C272KA40	2700 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11C272MA40	2700 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A272KA01	2700 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A272MA01	2700 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71C272KA40	2700 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71C272MA40	2700 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71E272KE01	2700 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A332KA01	3300 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A332MA01	3300 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11C332KA40	3300 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11C332MA40	3300 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A332KA01	3300 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A332MA01	3300 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71C332KA40	3300 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71C332MA40	3300 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71E332KE01	3300 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A392KA01	3900 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A392MA01	3900 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A392KA01	3900 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A392MA01	3900 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A472KA01	4700 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A472MA01	4700 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A472KA01	4700 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A472MA01	4700 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A682KA01	6800 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A682MA01	6800 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A682KA01	6800 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A682MA01	6800 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A822KA01	8200 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A822MA01	8200 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A103KA01	10000 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R11A103MA01	10000 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A103KA01	10000 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71A103MA01	10000 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033C71E223ME01	22000 pF	25Vdc	X7S (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033C70J104KE01	100000 pF	6.3Vdc	X7S (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033C71A104KE01	100000 pF	10Vdc	X7S (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033D70G224KE01	220000 pF	4Vdc	X7T (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033D70J224KE01	220000 pF	6.3Vdc	X7T (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033D70E105ME35	1 uF	2.5Vdc	X7T (EIA)	0201(0603M)	0.39	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033D70G105ME35	1 uF	4Vdc	X7T (EIA)	0201(0603M)	0.39	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM035D70E225ME01	2.2 uF	2.5Vdc	X7T (EIA)	0201(0603M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM033R71E101KA03	100 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E101MA03	100 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E121KA03	120 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E121MA03	120 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E151KA03	150 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E151MA03	150 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E181KA03	180 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E181MA03	180 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E221KA03	220 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E221MA03	220 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E271KA03	270 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E271MA03	270 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71C331KA03	330 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E331KA03	330 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E331MA03	330 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E391KA03	390 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E391MA03	390 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E471KA03	470 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E471MA03	470 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E561KA03	560 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E561MA03	560 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71C681KA03	680 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E681KA03	680 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E681MA03	680 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E821KA03	820 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E821MA03	820 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E102KA03	1000 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E102MA03	1000 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A122KA03	1200 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A122MA03	1200 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E122KA03	1200 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 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)
GCM033R71E122MA03	1200 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A152KA03	1500 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A152MA03	1500 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E152KA03	1500 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E152MA03	1500 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A182KA03	1800 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A182MA03	1800 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71C182KA55	1800 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71C182MA55	1800 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E182KE02	1800 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A222KA03	2200 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A222MA03	2200 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71C222KA55	2200 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71C222MA55	2200 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E222KE02	2200 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A272KA03	2700 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A272MA03	2700 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71C272KA55	2700 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71C272MA55	2700 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E272KE02	2700 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A332KA03	3300 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A332MA03	3300 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71C332KA55	3300 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71C332MA55	3300 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71E332KE02	3300 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A392KA03	3900 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A392MA03	3900 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A472KA03	4700 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A472MA03	4700 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A682KA03	6800 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A682MA03	6800 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A822KA03	8200 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A822MA03	8200 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A103KA03	10000 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033R71A103MA03	10000 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033C70G104KE02	100000 pF	4Vdc	X7S (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033C70J104KE02	100000 pF	6.3Vdc	X7S (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033C71A104KE02	100000 pF	10Vdc	X7S (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033M8ED104KE07	100000 pF	10Vdc	X8M (MURATA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033D70G224KE02	220000 pF	4Vdc	X7T (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033D70J224KE02	220000 pF	6.3Vdc	X7T (EIA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033M8EB224KE07	220000 pF	4Vdc	X8M (MURATA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033M8EC224KE07	220000 pF	6.3Vdc	X8M (MURATA)	0201(0603M)	0.33	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033D70E105ME36	1 uF	2.5Vdc	X7T (EIA)	0201(0603M)	0.39	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033D70G105ME36	1 uF	4Vdc	X7T (EIA)	0201(0603M)	0.39	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033M8EA105ME08	1 uF	2.5Vdc	X8M (MURATA)	0201(0603M)	0.39	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM033M8EB105ME08	1 uF	4Vdc	X8M (MURATA)	0201(0603M)	0.39	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM035D70E225ME02	2.2 uF	2.5Vdc	X7T (EIA)	0201(0603M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM035D70G225MEC2	2.2 uF	4Vdc	X7T (EIA)	0201(0603M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81H221KA01	220 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R11H221KA01	220 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R72A221KA01	220 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R11H331KA01	330 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R72A331KA01	330 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155L81H471KA01	470 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R11H471KA01	470 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R72A471KA01	470 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R11H681KA01	680 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R72A681KA01	680 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155L81H102KA01	1000 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155L81H102MA01	1000 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	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
GCM155R11H102MA01	1000 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R71H102KA01	1000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R71H102MA01	1000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155R72A102MA01	1000 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155L81H122KA01	1200 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155L81H122MA01	1200 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R11H122KA01	1200 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R11H122MA01	1200 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R71H122KA01	1200 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R71H122MA01	1200 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R72A122KA01	1200 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R72A122MA01	1200 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155L81H152KA01	1500 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155L81H152MA01	1500 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	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
GCM155R11H152MA01	1500 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R71H152KA01	1500 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R71H152MA01	1500 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155R72A152MA01	1500 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155L81H182KA01	1800 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155L81H182MA01	1800 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R11H182KA01	1800 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R11H182MA01	1800 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R71H182KA01	1800 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R71H182MA01	1800 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R72A182KA01	1800 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R72A182MA01	1800 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155L81H222MA01	2200 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	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
GCM155R11H222MA01	2200 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R71H222KA01	2200 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R71H222MA01	2200 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155R72A222MA01	2200 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155L81H272KA01	2700 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155L81H272MA01	2700 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R11H272KA01	2700 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R11H272MA01	2700 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R71H272KA01	2700 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R71H272MA01	2700 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R72A272KA01	2700 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R72A272MA01	2700 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155L81H332KA01	3300 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155L81H332MA01	3300 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	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
GCM155R11H332MA01	3300 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R71H332KA01	3300 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155R71H332MA01	3300 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155R72A332MA01	3300 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155L81H392KA01	3900 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM155L81H392MA01	3900 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz - 6 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)
GCM155R11H392KA01	3900 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11H392MA01	3900 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71H392KA01	3900 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71H392MA01	3900 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R72A392KA01	3900 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R72A392MA01	3900 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155L81H472MA01	4700 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11E472KA01	4700 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11E472MA01	4700 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±20%	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
GCM155R11H472MA01	4700 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71H472KA01	4700 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71H472MA01	4700 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155R72A472MA01	4700 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81E562KA01	5600 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81E562MA01	5600 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11E562KA01	5600 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11E562MA01	5600 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E562KA01	5600 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E562MA01	5600 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81E682KA01	6800 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81E682MA01	6800 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	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
GCM155R11E682MA01	6800 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±20%	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
GCM155R11H682MA40	6800 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E682KA01	6800 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E682MA01	6800 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71H682KA40	6800 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71H682MA40	6800 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81E822KA01	8200 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81E822MA01	8200 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C822KA01	8200 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C822MA01	8200 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11E822KA01	8200 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11E822MA01	8200 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C822KA01	8200 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C822MA01	8200 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E822KA01	8200 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E822MA01	8200 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155L81E103MA01	10000 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C103KA01	10000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C103MA01	10000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	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
GCM155R11E103MA01	10000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±20%	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
GCM155R11H103MA40	10000 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C103KA01	10000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C103MA01	10000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E103KA01	10000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E103MA01	10000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71H103KA40	10000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71H103MA40	10000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C123KA01	12000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C123MA01	12000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11E123KA40	12000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11E123MA40	12000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C123KA01	12000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C123MA01	12000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E123KA40	12000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E123MA40	12000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71H123KA40	12000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71H123MA40	12000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81C153KA01	15000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81C153MA01	15000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C153KA01	15000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C153MA01	15000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	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
GCM155R11E153MA40	15000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C153KA01	15000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C153MA01	15000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E153KA40	15000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E153MA40	15000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155R71H153MA40	15000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81C183KA01	18000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81C183MA01	18000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C183KA01	18000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C183MA01	18000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11E183KA40	18000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11E183MA40	18000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C183KA01	18000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C183MA01	18000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E183KA40	18000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E183MA40	18000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71H183KA40	18000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71H183MA40	18000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155L81C223MA01	22000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C223KA01	22000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C223MA01	22000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	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
GCM155R11E223MA40	22000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C223KA01	22000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C223MA01	22000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E223KA40	22000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E223MA40	22000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155R71H223MA40	22000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81C273KA01	27000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81C273MA01	27000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11A273KA01	27000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11A273MA01	27000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C273KA01	27000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C273MA01	27000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11E273KA40	27000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11E273MA40	27000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A273KA01	27000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A273MA01	27000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C273KA01	27000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C273MA01	27000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E273KA40	27000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E273MA40	27000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81C333KA01	33000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 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)
GCM155L81C333MA01	33000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11A333KA01	33000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11A333MA01	33000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±20%	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
GCM155R11C333MA01	33000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	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
GCM155R11E333MA40	33000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A333KA01	33000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A333MA01	33000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C333KA01	33000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C333MA01	33000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C333MA37	33000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E333KA40	33000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E333MA40	33000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155R71H333ME01	33000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81C393KA01	39000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81C393MA01	39000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11A393KA01	39000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11A393MA01	39000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C393KA01	39000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C393MA01	39000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11E393KA40	39000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11E393MA40	39000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A393KA01	39000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A393MA01	39000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C393KA01	39000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C393MA01	39000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E393KA40	39000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E393MA40	39000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155L81C473MA01	47000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11A473KA01	47000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11A473MA01	47000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±20%	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
GCM155R11C473MA01	47000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	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
GCM155R11E473MA40	47000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A473KA01	47000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A473MA01	47000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C473KA01	47000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C473MA01	47000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E473KA40	47000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71E473MA40	47000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155R71H473ME01	47000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11A563KA01	56000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11A563MA01	56000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C563KA40	56000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C563MA40	56000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A563KA01	56000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A563MA01	56000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C563KA40	56000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C563MA40	56000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11A683KA01	68000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11A683MA01	68000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±20%	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
GCM155R11C683MA40	68000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A683KA01	68000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A683MA01	68000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C683KA40	68000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C683MA40	68000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155R71H683ME01	68000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11A823KA01	82000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11A823MA01	82000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C823KA40	82000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R11C823MA40	82000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A823KA01	82000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A823MA01	82000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C823KA40	82000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C823MA40	82000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155R11A104MA01	100000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±20%	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
GCM155R11C104MA40	100000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	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
GCM155R71A104MA01	100000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C104KA40	100000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C104MA40	100000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71H104KE37	100000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71H104ME37	100000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A154KE01	150000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C154KE01	150000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C154ME01	150000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71A224KE01	220000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C224KE01	220000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R71C224ME01	220000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155C71A474KE35	470000 pF	10Vdc	X7S (EIA)	0402(1005M)	0.6	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155C71A474ME35	470000 pF	10Vdc	X7S (EIA)	0402(1005M)	0.6	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155C71A684KE39	680000 pF	10Vdc	X7S (EIA)	0402(1005M)	0.7	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155C71A684ME39	680000 pF	10Vdc	X7S (EIA)	0402(1005M)	0.7	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155C71A105KE39	1 uF	10Vdc	X7S (EIA)	0402(1005M)	0.7	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155C71A105ME39	1 uF	10Vdc	X7S (EIA)	0402(1005M)	0.7	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155D71C105KE35	1 uF	16Vdc	X7T (EIA)	0402(1005M)	0.65	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155D71E105KE35	1 uF	25Vdc	X7T (EIA)	0402(1005M)	0.65	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R70G105KE01	1 uF	4Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155R70J105KE01	1 uF	6.3Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155D70G475ME35	4.7 uF	4Vdc	X7T (EIA)	0402(1005M)	0.7	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155D70E106ME35	10 uF	2.5Vdc	X7T (EIA)	0402(1005M)	0.7	±20%	Powertrain/Safety for Automotive	100 Hz – 6 GHz
GCM155L81H221KA37	220 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 GHz
GCM155R71H221KA37	220 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 GHz
GCM155R72A221KA37	220 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 GHz
GCM155R71H331KA37	330 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 GHz
GCM155R72A331KA37	330 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 GHz
GCM155L81H471KA37	470 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 GHz
GCM155R71H471KA37	470 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 GHz
GCM155R72A471KA37	470 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 GHz
GCM155R71H681KA37	680 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 GHz
GCM155R72A681KA37	680 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 GHz
GCM155L81H102KA37	1000 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 GHz
GCM155L81H102MA37	1000 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 GHz
GCM155R71H102KA37	1000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 GHz
GCM155R71H102MA37	1000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 GHz
GCM155R72A102KA37	1000 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 GHz
GCM155R72A102MA37	1000 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz – 6 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)
GCM155L81H122KA37	1200 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81H122MA37	1200 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H122KA37	1200 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H122MA37	1200 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A122KA37	1200 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A122MA37	1200 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81H152KA37	1500 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81H152MA37	1500 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H152KA37	1500 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H152MA37	1500 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A152KA37	1500 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A152MA37	1500 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81H182KA37	1800 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81H182MA37	1800 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H182KA37	1800 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H182MA37	1800 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A182KA37	1800 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A182MA37	1800 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	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
GCM155L81H222MA37	2200 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H222KA37	2200 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H222MA37	2200 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A222KA37	2200 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A222MA37	2200 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81H272KA37	2700 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81H272MA37	2700 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H272KA37	2700 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H272MA37	2700 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A272KA37	2700 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A272MA37	2700 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81H332KA37	3300 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81H332MA37	3300 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H332KA37	3300 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H332MA37	3300 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A332KA37	3300 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A332MA37	3300 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81H392KA37	3900 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81H392MA37	3900 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H392KA37	3900 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H392MA37	3900 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A392KA37	3900 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A392MA37	3900 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81H472KA37	4700 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81H472MA37	4700 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E472KA37	4700 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H472KA37	4700 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H472MA37	4700 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A472KA37	4700 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R72A472MA37	4700 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81E562KA37	5600 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81E562MA37	5600 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E562KA37	5600 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E562MA37	5600 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81E682KA37	6800 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81E682MA37	6800 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E682KA37	6800 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E682MA37	6800 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H682KA55	6800 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H682MA55	6800 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81E822KA37	8200 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81E822MA37	8200 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E822KA37	8200 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E822MA37	8200 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81E103KA37	10000 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81E103MA37	10000 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E103KA37	10000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E103MA37	10000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H103KA55	10000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H103MA55	10000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E123KA55	12000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E123MA55	12000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H123KA55	12000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H123MA55	12000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81C153KA37	15000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81C153MA37	15000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E153KA55	15000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E153MA55	15000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H153KA55	15000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H153MA55	15000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81C183KA37	18000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81C183MA37	18000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E183KA55	18000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E183MA55	18000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H183KA55	18000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H183MA55	18000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81C223KA37	22000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81C223MA37	22000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E223KA55	22000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E223MA55	22000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H223KA55	22000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H223MA55	22000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81C273KA37	27000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81C273MA37	27000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C273KA37	27000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C273MA37	27000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E273KA55	27000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E273MA55	27000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81C333KA37	33000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81C333MA37	33000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L8EH333KE07	33000 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C333KA37	33000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E333KA55	33000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E333MA55	33000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H333KE02	33000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H333ME02	33000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81C393KA37	39000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81C393MA37	39000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C393KA37	39000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C393MA37	39000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E393KA55	39000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E393MA55	39000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81C473KA37	47000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81C473MA37	47000 pF	16Vdc	X8L (MURATA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L8EH473KE07	47000 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C473KA37	47000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C473MA37	47000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E473KA55	47000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 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)
GCM155R71E473MA55	47000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H473KE02	47000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H473ME02	47000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C563KA55	56000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C563MA55	56000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L8EH683KE07	68000 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C683KA55	68000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C683MA55	68000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H683KE02	68000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H683ME02	68000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C823KA55	82000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C823MA55	82000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L81E104KE02	100000 pF	25Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155L8EH104KE07	100000 pF	50Vdc	X8L (MURATA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71A104KA55	100000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C104KA55	100000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C104MA55	100000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71E104KE02	100000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H104KE02	100000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71H104ME02	100000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C154KE02	150000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C154ME02	150000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155D71E224KE02	220000 pF	25Vdc	X7T (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155D71H224KE02	220000 pF	50Vdc	X7T (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C224KE02	220000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R71C224ME02	220000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155C71A474KE36	470000 pF	10Vdc	X7S (EIA)	0402(1005M)	0.6	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155C71A474ME36	470000 pF	10Vdc	X7S (EIA)	0402(1005M)	0.6	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155C71A684KE38	680000 pF	10Vdc	X7S (EIA)	0402(1005M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155C71A684ME38	680000 pF	10Vdc	X7S (EIA)	0402(1005M)	0.7	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155C71A105KE38	1 uF	10Vdc	X7S (EIA)	0402(1005M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155C71A105ME38	1 uF	10Vdc	X7S (EIA)	0402(1005M)	0.7	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155D71C105KE36	1 uF	16Vdc	X7T (EIA)	0402(1005M)	0.65	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155D71E105KE36	1 uF	25Vdc	X7T (EIA)	0402(1005M)	0.65	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155M8EE105KE08	1 uF	16Vdc	X8M (MURATA)	0402(1005M)	0.65	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155M8EF105KE08	1 uF	25Vdc	X8M (MURATA)	0402(1005M)	0.65	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R70G105KE02	1 uF	4Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155R70J105KE02	1 uF	6.3Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155D70G475ME36	4.7 uF	4Vdc	X7T (EIA)	0402(1005M)	0.7	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155D70J475MEC4	4.7 uF	6.3Vdc	X7T (EIA)	0402(1005M)	0.7	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155M8EB475ME08	4.7 uF	4Vdc	X8M (MURATA)	0402(1005M)	0.7	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155D70E106ME36	10 uF	2.5Vdc	X7T (EIA)	0402(1005M)	0.7	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155D70G106MEC4	10 uF	4Vdc	X7T (EIA)	0402(1005M)	0.7	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM155M8EA106ME08	10 uF	2.5Vdc	X8M (MURATA)	0402(1005M)	0.7	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R11E102KA01	1000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11H102KA01	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
GCM188R11E152KA01	1500 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11H152KA01	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
GCM188R11E222KA01	2200 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11H222KA01	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
GCM188R11E332KA01	3300 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11H332KA01	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
GCM188R11E472KA01	4700 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11H472KA01	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
GCM188R11E682KA01	6800 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11H682KA01	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
GCM188R11E103KA01	10000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11H103KA01	10000 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R72A103KA01	10000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11E153KA01	15000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11H153KA01	15000 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R72A153KA01	15000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11E223KA01	22000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11H223KA01	22000 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R72A223KA01	22000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11E333KA01	33000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11H333KA40	33000 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188L81H473KA40	47000 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11E473KA01	47000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11H473KA40	47000 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11E683KA42	68000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11H683KA42	68000 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11C104KA01	100000 pF	16Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11E104KA42	100000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11H104KA42	100000 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11E154KA01	150000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R71H154KA49	150000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188L81C224KA01	220000 pF	16Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11A224KA01	220000 pF	10Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11C224KA01	220000 pF	16Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11E224KA40	220000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R71H224KA49	220000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11C334KA01	330000 pF	16Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R11C474KA40	470000 pF	16Vdc	R (JIS)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R71E474KA49	470000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188D71H105KE35	1 uF	50Vdc	X7T (EIA)	0603(1608M)	1	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188D7YA105KE35	1 uF	35Vdc	X7T (EIA)	0603(1608M)	1	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R71C105KA49	1 uF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R71C105MA49	1 uF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R71E105KA49	1 uF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R71E105MA49	1 uF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188C71A225KE01	2.2 uF	10Vdc	X7S (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188C71A225ME01	2.2 uF	10Vdc	X7S (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R70J225KE21	2.2 uF	6.3Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R70J225ME21	2.2 uF	6.3Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188C70J475KE35	4.7 uF	6.3Vdc	X7S (EIA)	0603(1608M)	1	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188C71A475KE35	4.7 uF	10Vdc	X7S (EIA)	0603(1608M)	1	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188D70G106ME35	10 uF	4Vdc	X7T (EIA)	0603(1608M)	1	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188D70J106ME35	10 uF	6.3Vdc	X7T (EIA)	0603(1608M)	1	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188D70E226ME35	22 uF	2.5Vdc	X7T (EIA)	0603(1608M)	1	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM188R71E102KA37	1000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71H102KA37	1000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R72A102KA37	1000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E152KA37	1500 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71H152KA37	1500 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R72A152KA37	1500 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E222KA37	2200 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71H222KA37	2200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R72A222KA37	2200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E332KA37	3300 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71H332KA37	3300 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 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)
GCM188R72A332KA37	3300 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E472KA37	4700 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71H472KA37	4700 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R72A472KA37	4700 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E682KA37	6800 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71H682KA37	6800 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R72A682KA37	6800 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E103KA37	10000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71H103KA37	10000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R72A103KA37	10000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E153KA37	15000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71H153KA37	15000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R72A153KA37	15000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188L81H223KA37	22000 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E223KA37	22000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71H223KA37	22000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R72A223KA37	22000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E333KA37	33000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71H333KA55	33000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188L81H473KA55	47000 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E473KA37	47000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71H473KA55	47000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E683KA57	68000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71H683KA57	68000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188L81H104KA57	100000 pF	50Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71C104KA37	100000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E104KA57	100000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71H104KA57	100000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E154KA37	150000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71H154KA64	150000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188L81C224KA37	220000 pF	16Vdc	X8L (MURATA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E224KA55	220000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71H224KA64	220000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71C334KA37	330000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71C474KA55	470000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E474KA64	470000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188D71H105KE36	1 uF	50Vdc	X7T (EIA)	0603(1608M)	1	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188D7YA105KE36	1 uF	35Vdc	X7T (EIA)	0603(1608M)	1	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188M8EH105KE08	1 uF	50Vdc	X8M (MURATA)	0603(1608M)	1	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71C105KA64	1 uF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71C105MA64	1 uF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E105KA64	1 uF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71E105MA64	1 uF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188C71A225KE02	2.2 uF	10Vdc	X7S (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188C71A225ME02	2.2 uF	10Vdc	X7S (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R70J225KE22	2.2 uF	6.3Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R70J225ME22	2.2 uF	6.3Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188R71A225KE02	2.2 uF	10Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188C70J475KE36	4.7 uF	6.3Vdc	X7S (EIA)	0603(1608M)	1	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188C71A475KE36	4.7 uF	10Vdc	X7S (EIA)	0603(1608M)	1	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188C71C475KE36	4.7 uF	16Vdc	X7S (EIA)	0603(1608M)	1	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188M8EC475KE08	4.7 uF	6.3Vdc	X8M (MURATA)	0603(1608M)	1	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188M8ED475KE08	4.7 uF	10Vdc	X8M (MURATA)	0603(1608M)	1	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188D70G106ME36	10 uF	4Vdc	X7T (EIA)	0603(1608M)	1	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188D70J106ME36	10 uF	6.3Vdc	X7T (EIA)	0603(1608M)	1	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188D71A106ME36	10 uF	10Vdc	X7T (EIA)	0603(1608M)	1	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188D70E226ME36	22 uF	2.5Vdc	X7T (EIA)	0603(1608M)	1	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188D70G226MEC4	22 uF	4Vdc	X7T (EIA)	0603(1608M)	1	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM188N8EA226ME08	22 uF	2.5Vdc	X8N (MURATA)	0603(1608M)	1	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM219R72A682KA01	6800 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR72A103KA01	10000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR72A153KA01	15000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR72A223KA01	22000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR11H333KA01	33000 pF	50Vdc	R (JIS)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR72A333KA01	33000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR11H473KA01	47000 pF	50Vdc	R (JIS)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR72A473KA01	47000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR11H683KA01	68000 pF	50Vdc	R (JIS)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR72A683KA01	68000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR11E104KA01	100000 pF	25Vdc	R (JIS)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR11H104KA01	100000 pF	50Vdc	R (JIS)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR72A104KA01	100000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR11E154KA01	150000 pF	25Vdc	R (JIS)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR11H154KA01	150000 pF	50Vdc	R (JIS)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM219R11C224KA01	220000 pF	16Vdc	R (JIS)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR11E224KA01	220000 pF	25Vdc	R (JIS)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR11H224KA01	220000 pF	50Vdc	R (JIS)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM219R11E334KA01	330000 pF	25Vdc	R (JIS)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM219R71H334KA40	330000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM219R11A474KA01	470000 pF	10Vdc	R (JIS)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM219R11E474KA40	470000 pF	25Vdc	R (JIS)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR11C474KA01	470000 pF	16Vdc	R (JIS)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR71H474KA40	470000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM219R11C684KA01	680000 pF	16Vdc	R (JIS)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR11E684KA40	680000 pF	25Vdc	R (JIS)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR7YA684KA40	680000 pF	35Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM219R11C105KA01	1 uF	16Vdc	R (JIS)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM219R11C105MA01	1 uF	16Vdc	R (JIS)	0805(2012M)	0.95	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM219R71C105KA01	1 uF	16Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM219R71C105MA01	1 uF	16Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	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
GCM21BL81C105KA36	1 uF	16Vdc	X8L (MURATA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BL81C105MA36	1 uF	16Vdc	X8L (MURATA)	0805(2012M)	1.4	±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
GCM21BR11A105MA01	1 uF	10Vdc	R (JIS)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR11C105KA36	1 uF	16Vdc	R (JIS)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR11C105MA36	1 uF	16Vdc	R (JIS)	0805(2012M)	1.4	±20%	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
GCM21BR11E105MA42	1 uF	25Vdc	R (JIS)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR71C105KA36	1 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR71C105MA36	1 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR71E105KA42	1 uF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR71E105MA42	1 uF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	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
GCM21BR71H105MA01	1 uF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	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
GCM21BR7YA105MA40	1 uF	35Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR11C155KA01	1.5 uF	16Vdc	R (JIS)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR11C155MA01	1.5 uF	16Vdc	R (JIS)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR71C155KA01	1.5 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR71C155MA01	1.5 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	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
GCM21BR7YA155MA36	1.5 uF	35Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	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

Part Number	Capacitance (Nominal)	Rated Voltage (V)	Temperature Characteristics	Size Code inch (mm)	T size (mm Max.)	Capacitance Tolerance	Type	Frequency Range (simulation model)
GCM21BC7YA225ME01	2.2 uF	35Vdc	X7S (EIA)	0805(2012M)	1.4	±20%	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
GCM21BR71A225KA01	2.2 uF	10Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BR71A225MA01	2.2 uF	10Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	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
GCM21BR71C225MA49	2.2 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	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
GCM21BR71E225MA67	2.2 uF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	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
GCM21BC71A475MA67	4.7 uF	10Vdc	X7S (EIA)	0805(2012M)	1.4	±20%	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
GCM21BC71E475ME35	4.7 uF	25Vdc	X7S (EIA)	0805(2012M)	1.45	±20%	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
GCM21BC7YA475ME35	4.7 uF	35Vdc	X7S (EIA)	0805(2012M)	1.45	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BD71H475KE35	4.7 uF	50Vdc	X7T (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
GCM21BR71C475MA67	4.7 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	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
GCM21BC71E106KE35	10 uF	25Vdc	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
GCM21BR70J106ME21	10 uF	6.3Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	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
GCM21BR71A106ME21	10 uF	10Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BD70J226ME35	22 uF	6.3Vdc	X7T (EIA)	0805(2012M)	1.45	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM21BD70E476ME35	47 uF	2.5Vdc	X7T (EIA)	0805(2012M)	1.45	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM216R72A682KA37	6800 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM216R72A103KA37	10000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM216R72A153KA37	15000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM216R72A223KA37	22000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM219R71H333KA37	33000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM219R72A333KA37	33000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71H473KA37	47000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR72A473KA37	47000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71H683KA37	68000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR72A683KA37	68000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71E104KA37	100000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71H104KA37	100000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR72A104KA37	100000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71E154KA37	150000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71H154KA37	150000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM219R71C224KA37	220000 pF	16Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71E224KA37	220000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71H224KA37	220000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM219R71H334KA55	330000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71E334KA37	330000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM219R71E474KA55	470000 pF	25Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71C474KA37	470000 pF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71H474KA55	470000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM219R71C684KA37	680000 pF	16Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71E684KA55	680000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR7YA684KA55	680000 pF	35Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM219R71C105KA37	1 uF	16Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM219R71C105MA37	1 uF	16Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	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
GCM21BL81C105KA58	1 uF	16Vdc	X8L (MURATA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BL81C105MA58	1 uF	16Vdc	X8L (MURATA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71C105KA58	1 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71C105MA58	1 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71E105KA56	1 uF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71E105MA56	1 uF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71H105KA03	1 uF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71H105MA03	1 uF	50Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	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
GCM21BR7YA105MA55	1 uF	35Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	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
GCM21BR71C155KA37	1.5 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71C155MA37	1.5 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71E155KA54	1.5 uF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71E155MA54	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
GCM21BR7YA155MA54	1.5 uF	35Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	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
GCM21BC7YA225ME02	2.2 uF	35Vdc	X7S (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BD71H225KE36	2.2 uF	50Vdc	X7T (EIA)	0805(2012M)	1.45	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BD72A225KE36	2.2 uF	100Vdc	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	2.2 uF	50Vdc	X8M (MURATA)	0805(2012M)	1.45	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71A225KA37	2.2 uF	10Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71A225MA37	2.2 uF	10Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71C225KA64	2.2 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71C225MA64	2.2 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71E225KA73	2.2 uF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71E225MA73	2.2 uF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BC71A475KA73	4.7 uF	10Vdc	X7S (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BC71A475MA73	4.7 uF	10Vdc	X7S (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BC71E475KE36	4.7 uF	25Vdc	X7S (EIA)	0805(2012M)	1.45	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BC71E475ME36	4.7 uF	25Vdc	X7S (EIA)	0805(2012M)	1.45	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BC7YA475KE36	4.7 uF	35Vdc	X7S (EIA)	0805(2012M)	1.45	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BC7YA475ME36	4.7 uF	35Vdc	X7S (EIA)	0805(2012M)	1.45	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BD71A475KE02	4.7 uF	10Vdc	X7T (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BD71C475KE02	4.7 uF	16Vdc	X7T (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BD71H475KE36	4.7 uF	50Vdc	X7T (EIA)	0805(2012M)	1.45	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BM8EH475KE08	4.7 uF	50Vdc	X8M (MURATA)	0805(2012M)	1.45	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71C475KA73	4.7 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71C475MA73	4.7 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BC71C106KE36	10 uF	16Vdc	X7S (EIA)	0805(2012M)	1.45	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BC71E106KE36	10 uF	25Vdc	X7S (EIA)	0805(2012M)	1.45	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BD70J106KE02	10 uF	6.3Vdc	X7T (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BM8EE106KE08	10 uF	16Vdc	X8M (MURATA)	0805(2012M)	1.45	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR70J106KE22	10 uF	6.3Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR70J106ME22	10 uF	6.3Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71A106KE22	10 uF	10Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BR71A106ME22	10 uF	10Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BD70G226ME36	22 uF	4Vdc	X7T (EIA)	0805(2012M)	1.45	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BD70J226ME36	22 uF	6.3Vdc	X7T (EIA)	0805(2012M)	1.45	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BD71A226MEC4	22 uF	10Vdc	X7T (EIA)	0805(2012M)	1.45	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BD70E476ME36	47 uF	2.5Vdc	X7T (EIA)	0805(2012M)	1.45	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM21BD70G476ME36	47 uF	4Vdc	X7T (EIA)	0805(2012M)	1.45	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM319R72A104KA01	100000 pF	100Vdc	X7R (EIA)	1206(3216M)	0.95	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31MR72A154KA01	150000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.25	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31MR72A224KA01	220000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.25	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31MR11H334KA01	330000 pF	50Vdc	R (JIS)	1206(3216M)	1.25	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31MR11H474KA01	470000 pF	50Vdc	R (JIS)	1206(3216M)	1.25	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CR11H684KA01	680000 pF	50Vdc	R (JIS)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CL81H105KA40	1 uF	50Vdc	X8L (MURATA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CR72A105KA01	1 uF	100Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive	100 Hz - 6 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)
GCM31CR91E105KA01	1 uF	25Vdc	X8R (EIA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31ML81E105KA01	1 uF	25Vdc	X8L (MURATA)	1206(3216M)	1.25	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31MR11C105KA01	1 uF	16Vdc	R (JIS)	1206(3216M)	1.25	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31MR11E105KA01	1 uF	25Vdc	R (JIS)	1206(3216M)	1.25	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31MR71H105KA40	1 uF	50Vdc	X7R (EIA)	1206(3216M)	1.25	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CC72A225KE01	2.2 uF	100Vdc	X7S (EIA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CC72A225ME01	2.2 uF	100Vdc	X7S (EIA)	1206(3216M)	1.8	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CR71H225KA40	2.2 uF	50Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31MR11A225KA36	2.2 uF	10Vdc	R (JIS)	1206(3216M)	1.3	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31MR11C225KA36	2.2 uF	16Vdc	R (JIS)	1206(3216M)	1.3	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31MR11E225KA42	2.2 uF	25Vdc	R (JIS)	1206(3216M)	1.3	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CC71H475KA49	4.7 uF	50Vdc	X7S (EIA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CC71H475MA49	4.7 uF	50Vdc	X7S (EIA)	1206(3216M)	1.8	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CR11C475KA01	4.7 uF	16Vdc	R (JIS)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CR71E475KA40	4.7 uF	25Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CC71E106KA01	10 uF	25Vdc	X7S (EIA)	1206(3216M)	1.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CC71E106MA01	10 uF	25Vdc	X7S (EIA)	1206(3216M)	1.9	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CD71H106KE35	10 uF	50Vdc	X7T (EIA)	1206(3216M)	1.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CD7YA106KE35	10 uF	35Vdc	X7T (EIA)	1206(3216M)	1.9	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CR11A106KA49	10 uF	10Vdc	R (JIS)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CR71C106KA49	10 uF	16Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CC71C226ME35	22 uF	16Vdc	X7S (EIA)	1206(3216M)	1.9	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CR70J226KE26	22 uF	6.3Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CR70J226ME26	22 uF	6.3Vdc	X7R (EIA)	1206(3216M)	1.8	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CR71A226KE01	22 uF	10Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CR71A226ME01	22 uF	10Vdc	X7R (EIA)	1206(3216M)	1.8	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CD70G476ME01	47 uF	4Vdc	X7T (EIA)	1206(3216M)	1.8	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM31CD70E107ME35	100 uF	2.5Vdc	X7T (EIA)	1206(3216M)	1.9	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM319R72A104KA37	100000 pF	100Vdc	X7R (EIA)	1206(3216M)	0.95	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 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
GCM31CC71H475MA03	4.7 uF	50Vdc	X7S (EIA)	1206(3216M)	1.8	±20%	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)	1.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CC71E106KE02	10 uF	25Vdc	X7S (EIA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CC71E106MA03	10 uF	25Vdc	X7S (EIA)	1206(3216M)	1.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CD71H106KE36	10 uF	50Vdc	X7T (EIA)	1206(3216M)	1.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CD7YA106KE36	10 uF	35Vdc	X7T (EIA)	1206(3216M)	1.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CM8EG106KE08	10 uF	35Vdc	X8M (MURATA)	1206(3216M)	1.9	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CR71A106KA64	10 uF	10Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CR71C106KA64	10 uF	16Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CC71C226ME36	22 uF	16Vdc	X7S (EIA)	1206(3216M)	1.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CC71E226ME36	22 uF	25Vdc	X7S (EIA)	1206(3216M)	1.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CD70J226KE02	22 uF	6.3Vdc	X7T (EIA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CR70J226KE23	22 uF	6.3Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CR70J226ME23	22 uF	6.3Vdc	X7R (EIA)	1206(3216M)	1.8	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CR71A226KE02	22 uF	10Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CR71A226ME02	22 uF	10Vdc	X7R (EIA)	1206(3216M)	1.8	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CD70G476ME02	47 uF	4Vdc	X7T (EIA)	1206(3216M)	1.8	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CM8EB476ME07	47 uF	4Vdc	X8M (MURATA)	1206(3216M)	1.8	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CD70E107ME36	100 uF	2.5Vdc	X7T (EIA)	1206(3216M)	1.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CD70G107ME36	100 uF	4Vdc	X7T (EIA)	1206(3216M)	1.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM31CN8EA107ME08	100 uF	2.5Vdc	X8N (MURATA)	1206(3216M)	1.9	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32ER11H105KA01	1 uF	50Vdc	R (JIS)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32RR11E105KA01	1 uF	25Vdc	R (JIS)	1210(3225M)	2	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32DC72A475KE01	4.7 uF	100Vdc	X7S (EIA)	1210(3225M)	2.2	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32DC72A475ME01	4.7 uF	100Vdc	X7S (EIA)	1210(3225M)	2.2	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32DR11E475KA40	4.7 uF	25Vdc	R (JIS)	1210(3225M)	2.2	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32ER71H475KA40	4.7 uF	50Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32DR11C106KA01	10 uF	16Vdc	R (JIS)	1210(3225M)	2.2	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32EC71H106KA01	10 uF	50Vdc	X7S (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32EC71H106MA01	10 uF	50Vdc	X7S (EIA)	1210(3225M)	2.7	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32EC7YA106KA01	10 uF	35Vdc	X7S (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32EC7YA106MA01	10 uF	35Vdc	X7S (EIA)	1210(3225M)	2.7	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32ER71E106KA42	10 uF	25Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32EC71E226KE35	22 uF	25Vdc	X7S (EIA)	1210(3225M)	2.85	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32ER11A226KE11	22 uF	10Vdc	R (JIS)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32ER11A226ME11	22 uF	10Vdc	R (JIS)	1210(3225M)	2.7	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32ER71C226KE15	22 uF	16Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32ER71C226ME15	22 uF	16Vdc	X7R (EIA)	1210(3225M)	2.7	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32EC71A476KE01	47 uF	10Vdc	X7S (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32ER70J476KE16	47 uF	6.3Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32ER70J476ME16	47 uF	6.3Vdc	X7R (EIA)	1210(3225M)	2.7	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32ED70E227ME35	220 uF	2.5Vdc	X7T (EIA)	1210(3225M)	2.85	±20%	Powertrain/Safety for Automotive	100 Hz - 6 GHz
GCM32ER71H105KA37	1 uF	50Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32DC72A475KE02	4.7 uF	100Vdc	X7S (EIA)	1210(3225M)	2.2	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32DC72A475ME02	4.7 uF	100Vdc	X7S (EIA)	1210(3225M)	2.2	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32DL8EL475KE07	4.7 uF	100Vdc	X8L (MURATA)	1210(3225M)	2.2	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32DR71E475KA55	4.7 uF	25Vdc	X7R (EIA)	1210(3225M)	2.2	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32ER71H475KA55	4.7 uF	50Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32DR71C106KA37	10 uF	16Vdc	X7R (EIA)	1210(3225M)	2.2	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32EC71H106KA03	10 uF	50Vdc	X7S (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32EC71H106MA03	10 uF	50Vdc	X7S (EIA)	1210(3225M)	2.7	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32EC72A106KEC2	10 uF	100Vdc	X7S (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32EC7YA106KA03	10 uF	35Vdc	X7S (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32EC7YA106MA03	10 uF	35Vdc	X7S (EIA)	1210(3225M)	2.7	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32EL8EH106KA07	10 uF	50Vdc	X8L (MURATA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32ER71E106KA57	10 uF	25Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32EC71E226KE36	22 uF	25Vdc	X7S (EIA)	1210(3225M)	2.85	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32EL8EF226KE08	22 uF	25Vdc	X8L (MURATA)	1210(3225M)	2.85	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32ER71A226KE12	22 uF	10Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32ER71A226ME12	22 uF	10Vdc	X7R (EIA)	1210(3225M)	2.7	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32ER71C226KE19	22 uF	16Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32ER71C226ME19	22 uF	16Vdc	X7R (EIA)	1210(3225M)	2.7	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32EC71A476KE02	47 uF	10Vdc	X7S (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32ED70J476KE02	47 uF	6.3Vdc	X7T (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32ER70J476KE19	47 uF	6.3Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32ER70J476ME19	47 uF	6.3Vdc	X7R (EIA)	1210(3225M)	2.7	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32ED70E107ME36	100 uF	2.5Vdc	X7T (EIA)	1210(3225M)	2.85	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32ED70E227ME36	220 uF	2.5Vdc	X7T (EIA)	1210(3225M)	2.85	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GCM32ED70G227MEC4	220 uF	4Vdc	X7T (EIA)	1210(3225M)	2.85	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 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)
GCM32EM8EA227ME08	220 uF	2.5Vdc	X8M (MURATA)	1210(3225M)	2.85	±20%	Powertrain/Safety for Automotive [AEC-Q200]	100 Hz - 6 GHz
GGD188R71H102KA02	1000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Water repellent(MLSC)/ Automotive [AEC-Q200]	100 Hz - 6 GHz
GGD188R72A102KA02	1000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Water repellent(MLSC)/ Automotive [AEC-Q200]	100 Hz - 6 GHz
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
GGM155R71A104KA55	100000 pF	10Vdc	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
GGM219R71E474KA55	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
GGM219R71C105KA37	1 uF	16Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	Water repellent/ Automotive [AEC-Q200]	100 Hz - 6 GHz
GGM21BC72A105KE36	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
GGM21BC7YA225KE02	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
GGM21BC71A475KA73	4.7 uF	10Vdc	X7S (EIA)	0805(2012M)	1.4	±10%	Water repellent/ Automotive [AEC-Q200]	100 Hz - 6 GHz
GGM21BC71E475KE36	4.7 uF	25Vdc	X7S (EIA)	0805(2012M)	1.45	±10%	Water repellent/ Automotive [AEC-Q200]	100 Hz - 6 GHz
GGM21BC7YA475KE36	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
GGM31CC71H475KA03	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
GGM31CD70J226KE02	22 uF	6.3Vdc	X7T (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
GGM32ED70J476KE02	47 uF	6.3Vdc	X7T (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
GJ431CC81E105JA01	1 uF	25Vdc	X6S (EIA)	1206(3216M)	1.8	±5%	Audio signal low distortion	100 Hz - 6 GHz
GJ431CC81E105KA01	1 uF	25Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	Audio signal low distortion	100 Hz - 6 GHz
GJ431CC81E105MA01	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
GJ831CC81E105KA01	1 uF	25Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	Acoustic noise reduction	100 Hz - 6 GHz
GJ8319R61H225KA12	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
GRJ033R60J105ME11	1 uF	6.3Vdc	X5R (EIA)	0201(0603M)	0.35	±20%	Resin external electrode	100 Hz - 6 GHz
GRJ033R61A105ME11	1 uF	10Vdc	X5R (EIA)	0201(0603M)	0.35	±20%	Resin external electrode	100 Hz - 6 GHz
GRJ155R60J106ME11	10 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	Resin external electrode	100 Hz - 6 GHz
GRJ188R71H102KE11	1000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz - 6 GHz
GRJ188R71H102ME11	1000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz - 6 GHz
GRJ188R72A102KE11	1000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz - 6 GHz
GRJ188R72A102ME11	1000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz - 6 GHz
GRJ188R71H222KE11	2200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz - 6 GHz
GRJ188R71H222ME11	2200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz - 6 GHz
GRJ188R72A222KE11	2200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz - 6 GHz
GRJ188R72A222ME11	2200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz - 6 GHz
GRJ188R71H472KE11	4700 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz - 6 GHz
GRJ188R71H472ME11	4700 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz - 6 GHz
GRJ188R72A472KE11	4700 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz - 6 GHz
GRJ188R72A472ME11	4700 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz - 6 GHz
GRJ188R71H103KE11	10000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz - 6 GHz
GRJ188R71H103ME11	10000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz - 6 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)
GRJ188R72A103KE11	10000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ188R72A103ME11	10000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ188R71H223KE11	22000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ188R71H223ME11	22000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ188R72A223KE11	22000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ188R72A223ME11	22000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ188R71E473KE11	47000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 kHz – 6 GHz
GRJ188R71E473ME11	47000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 kHz – 6 GHz
GRJ188R71H473KE11	47000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 kHz – 6 GHz
GRJ188R71H473ME11	47000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 kHz – 6 GHz
GRJ188R71H104KE11	100000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ188R71H104ME11	100000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ188R72A104KE11	100000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 kHz – 6 GHz
GRJ188R72A104ME11	100000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 kHz – 6 GHz
GRJ188R71E224KE11	220000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 kHz – 6 GHz
GRJ188R71E224ME11	220000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 kHz – 6 GHz
GRJ188R71H224KE11	220000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 kHz – 6 GHz
GRJ188R71H224ME11	220000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 kHz – 6 GHz
GRJ188R71C474KE11	470000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 kHz – 6 GHz
GRJ188R71C474ME11	470000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 kHz – 6 GHz
GRJ188R61C105KE11	1 uF	16Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ188R61C105ME11	1 uF	16Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ188R6YA105KE11	1 uF	35Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ188R71E105KE11	1 uF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ188R71E105ME11	1 uF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ188R70J225KE11	2.2 uF	6.3Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ188R70J225ME11	2.2 uF	6.3Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ188C70J475KE11	4.7 uF	6.3Vdc	X7S (EIA)	0603(1608M)	1	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ188C70J475ME11	4.7 uF	6.3Vdc	X7S (EIA)	0603(1608M)	1	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ188R60J475KE11	4.7 uF	6.3Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ188R60J475ME11	4.7 uF	6.3Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ188R61A475KE11	4.7 uF	10Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ188R61A475ME11	4.7 uF	10Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ188R60J106ME11	10 uF	6.3Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ188R61A106ME11	10 uF	10Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ219R72A221KE01	220 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ219R72A221ME01	220 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ216R71H471KE01	470 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ216R71H471ME01	470 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ219R72A471KE01	470 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ219R72A471ME01	470 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ216R71H102KE01	1000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ216R71H102ME01	1000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ216R72A102KE01	1000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ216R72A102ME01	1000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ216R71H222KE01	2200 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ216R71H222ME01	2200 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ216R72A222KE01	2200 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ216R72A222ME01	2200 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ216R71H472KE01	4700 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ216R71H472ME01	4700 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ216R72A472KE01	4700 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ216R72A472ME01	4700 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ216R71H103KE01	10000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ216R71H103ME01	10000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ216R72A103KE01	10000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ216R72A103ME01	10000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ216R71H223KE01	22000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ216R71H223ME01	22000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ216R72A223KE01	22000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ216R72A223ME01	22000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.7	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR71H473KE01	47000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR71H473ME01	47000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR72A473KE01	47000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR72A473ME01	47000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR71H224KE01	220000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	Resin external electrode	100 kHz – 6 GHz
GRJ21BR71H224ME01	220000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	Resin external electrode	100 kHz – 6 GHz
GRJ21BR71H474KE01	470000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	Resin external electrode	100 kHz – 6 GHz
GRJ21BR71H474ME01	470000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	Resin external electrode	100 kHz – 6 GHz
GRJ21BC72A105KE11	1 uF	100Vdc	X7S (EIA)	0805(2012M)	1.5	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ21BC72A105ME11	1 uF	100Vdc	X7S (EIA)	0805(2012M)	1.5	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR71E105KE11	1 uF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR71E105ME11	1 uF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR71H105KE01	1 uF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR71H105ME01	1 uF	50Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR71E225KE01	2.2 uF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR71E225ME01	2.2 uF	25Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR71C475KE01	4.7 uF	16Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR71C475ME01	4.7 uF	16Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR61E106KE01	10 uF	25Vdc	X5R (EIA)	0805(2012M)	1.45	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR71A106KE01	10 uF	10Vdc	X7R (EIA)	0805(2012M)	1.45	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ21BR71A106ME01	10 uF	10Vdc	X7R (EIA)	0805(2012M)	1.45	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ319R71H104KE11	100000 pF	50Vdc	X7R (EIA)	1206(3216M)	0.95	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ319R71H104ME11	100000 pF	50Vdc	X7R (EIA)	1206(3216M)	0.95	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ319R72A104KE11	100000 pF	100Vdc	X7R (EIA)	1206(3216M)	0.95	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ319R72A104ME11	100000 pF	100Vdc	X7R (EIA)	1206(3216M)	0.95	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31MR71H104KE01	100000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31MR71H104ME01	100000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31MR71H224KE01	220000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31MR71H224ME01	220000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31MR72A224KE01	220000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31MR72A224ME01	220000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.35	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31MR71H474KE01	470000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	Resin external electrode	100 kHz – 6 GHz
GRJ31MR71H474ME01	470000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±20%	Resin external electrode	100 kHz – 6 GHz
GRJ31CR71H105KE11	1 uF	50Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR71H105ME11	1 uF	50Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR72A105KE11	1 uF	100Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR72A105ME11	1 uF	100Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31MR71H105KE01	1 uF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31MR71H105ME01	1 uF	50Vdc	X7R (EIA)	1206(3216M)	1.35	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR71H225KE11	2.2 uF	50Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR71H225ME11	2.2 uF	50Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31MR71C225KE11	2.2 uF	16Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31MR71C225ME11	2.2 uF	16Vdc	X7R (EIA)	1206(3216M)	1.35	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31MR71E225KE11	2.2 uF	25Vdc	X7R (EIA)	1206(3216M)	1.35	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31MR71E225ME11	2.2 uF	25Vdc	X7R (EIA)	1206(3216M)	1.35	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31CC71H475KE11	4.7 uF	50Vdc	X7S (EIA)	1206(3216M)	1.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31CC71H475ME11	4.7 uF	50Vdc	X7S (EIA)	1206(3216M)	1.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31CC72A475KE01	4.7 uF	100Vdc	X7S (EIA)	1206(3216M)	1.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31CC72A475ME01	4.7 uF	100Vdc	X7S (EIA)	1206(3216M)	1.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR71C475KE11	4.7 uF	16Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR71C475ME11	4.7 uF	16Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR71H475KE11	4.7 uF	50Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR71H475ME11	4.7 uF	50Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31CZ72A475KE01	4.7 uF	100Vdc	X7R (MURATA)	1206(3216M)	1.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31CZ72A475ME01	4.7 uF	100Vdc	X7R (MURATA)	1206(3216M)	1.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31CC71E106KE11	10 uF	25Vdc	X7S (EIA)	1206(3216M)	2	±10%	Resin external electrode	100 Hz – 6 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)
GRJ31CC71E106ME11	10 uF	25Vdc	X7S (EIA)	1206(3216M)	2	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31CC8YA106KE01	10 uF	35Vdc	X6S (EIA)	1206(3216M)	1.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31CC8YA106ME01	10 uF	35Vdc	X6S (EIA)	1206(3216M)	1.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR61E106KE11	10 uF	25Vdc	X5R (EIA)	1206(3216M)	1.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR71A106KE11	10 uF	10Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR71A106ME11	10 uF	10Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR71C106KE11	10 uF	16Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR71C106ME11	10 uF	16Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR71E106KE11	10 uF	25Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR71E106ME11	10 uF	25Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR70J226KE12	22 uF	6.3Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR70J226ME12	22 uF	6.3Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR71A226KE12	22 uF	10Vdc	X7R (EIA)	1206(3216M)	1.9	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ31CR71A226ME12	22 uF	10Vdc	X7R (EIA)	1206(3216M)	1.9	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ32DR72A225KE11	2.2 uF	100Vdc	X7R (EIA)	1210(3225M)	2.3	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ32DR72A225ME11	2.2 uF	100Vdc	X7R (EIA)	1210(3225M)	2.3	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ32DC72A475KE11	4.7 uF	100Vdc	X7S (EIA)	1210(3225M)	2.3	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ32DC72A475ME11	4.7 uF	100Vdc	X7S (EIA)	1210(3225M)	2.3	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER71H475KE11	4.7 uF	50Vdc	X7R (EIA)	1210(3225M)	2.8	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER71H475ME11	4.7 uF	50Vdc	X7R (EIA)	1210(3225M)	2.8	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER71K475KE11	4.7 uF	80Vdc	X7R (EIA)	1210(3225M)	2.8	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER71K475ME11	4.7 uF	80Vdc	X7R (EIA)	1210(3225M)	2.8	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ32EC71H106KE11	10 uF	50Vdc	X7S (EIA)	1210(3225M)	2.8	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ32EC71H106ME11	10 uF	50Vdc	X7S (EIA)	1210(3225M)	2.8	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER71E106KE11	10 uF	25Vdc	X7R (EIA)	1210(3225M)	2.8	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER71E106ME11	10 uF	25Vdc	X7R (EIA)	1210(3225M)	2.8	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER71H106KE11	10 uF	50Vdc	X7R (EIA)	1210(3225M)	2.8	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER71H106ME11	10 uF	50Vdc	X7R (EIA)	1210(3225M)	2.8	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ32EC71E226KE11	22 uF	25Vdc	X7S (EIA)	1210(3225M)	2.85	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER71A226KE11	22 uF	10Vdc	X7R (EIA)	1210(3225M)	2.8	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER71A226ME11	22 uF	10Vdc	X7R (EIA)	1210(3225M)	2.8	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER71C226KE11	22 uF	16Vdc	X7R (EIA)	1210(3225M)	2.8	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER71C226ME11	22 uF	16Vdc	X7R (EIA)	1210(3225M)	2.8	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER70J476KE11	47 uF	6.3Vdc	X7R (EIA)	1210(3225M)	2.8	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER70J476ME11	47 uF	6.3Vdc	X7R (EIA)	1210(3225M)	2.8	±20%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER71A476KE11	47 uF	10Vdc	X7R (EIA)	1210(3225M)	2.8	±10%	Resin external electrode	100 Hz – 6 GHz
GRJ32ER71A476ME11	47 uF	10Vdc	X7R (EIA)	1210(3225M)	2.8	±20%	Resin external electrode	100 Hz – 6 GHz
GRM011R61A101KE01	100 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R61A101ME01	100 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R61A151KE01	150 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R61A151ME01	150 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R61A221KE01	220 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R61A221ME01	220 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R61A331KE01	330 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R61A331ME01	330 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R61A471KE01	470 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R61A471ME01	470 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R61A681KE01	680 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R61A681ME01	680 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R61C681KE01	680 pF	16Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R61C681ME01	680 pF	16Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R60J102KE01	1000 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R60J102ME01	1000 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R61A102KE01	1000 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R61A102ME01	1000 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R61C102KE01	1000 pF	16Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R61C102ME01	1000 pF	16Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R60J152KE01	1500 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R60J152ME01	1500 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R60J222KE01	2200 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R60J222ME01	2200 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R61A222KE01	2200 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R61A222ME01	2200 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R61C222KE01	2200 pF	16Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R61C222ME01	2200 pF	16Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R60G332KE01	3300 pF	4Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R60J332KE01	3300 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R60J332ME01	3300 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011C80J472ME01	4700 pF	6.3Vdc	X6S (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011C81A472ME01	4700 pF	10Vdc	X6S (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R60G472KE01	4700 pF	4Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R60J472KE01	4700 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R60J472ME01	4700 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R61A472ME01	4700 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R61C472ME01	4700 pF	16Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R60G682KE01	6800 pF	4Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R60J682KE01	6800 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R60J682ME01	6800 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011C80J103ME01	10000 pF	6.3Vdc	X6S (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011C81A103ME01	10000 pF	10Vdc	X6S (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R60G103KE01	10000 pF	4Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R60J103KE01	10000 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R60J103ME01	10000 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R61A103ME01	10000 pF	10Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R61C103ME01	10000 pF	16Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011C80E223KE01	22000 pF	2.5Vdc	X6S (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011C80E223ME01	22000 pF	2.5Vdc	X6S (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R60G223KE01	22000 pF	4Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R60G223ME01	22000 pF	4Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R60J223KE01	22000 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R60J223ME01	22000 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011C80E473KE01	47000 pF	2.5Vdc	X6S (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011C80E473ME01	47000 pF	2.5Vdc	X6S (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R60G473KE01	47000 pF	4Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R60G473ME01	47000 pF	4Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R60J473KE01	47000 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±10%	Ultra-small	100 Hz – 6 GHz
GRM011R60J473ME01	47000 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011C80E104ME01	100000 pF	2.5Vdc	X6S (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R60G104ME01	100000 pF	4Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM011R60J104ME01	100000 pF	6.3Vdc	X5R (EIA)	008004(0201M)	0.138	±20%	Ultra-small	100 Hz – 6 GHz
GRM022B11A680KA01	68 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz – 6 GHz
GRM022B11A680MA01	68 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz – 6 GHz
GRM022R61A680KA01	68 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz – 6 GHz
GRM022R61A680MA01	68 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz – 6 GHz
GRM022R71A680KA01	68 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz – 6 GHz
GRM022R71A680MA01	68 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz – 6 GHz
GRM022B11A101KA01	100 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz – 6 GHz
GRM022B11A101MA01	100 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz – 6 GHz
GRM022R61A101KA01	100 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz – 6 GHz
GRM022R61A101MA01	100 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz – 6 GHz
GRM022R71A101KA01	100 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz – 6 GHz
GRM022R71A101MA01	100 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz – 6 GHz
GRM022R71C101KE14	100 pF	16Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz – 6 GHz
GRM022R71C101ME14	100 pF	16Vdc	X7R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz – 6 GHz
GRM022R71A121KA01	120 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz – 6 GHz
GRM022B11A151KA01	150 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz – 6 GHz
GRM022B11A151MA01	150 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz – 6 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)
GRM022R61A151KA01	150 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61A151MA01	150 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R71A151KA01	150 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R71A151MA01	150 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R71C151KE14	150 pF	16Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R71C151ME14	150 pF	16Vdc	X7R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R71A181KA01	180 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B11A221KA01	220 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B11A221MA01	220 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61A221KA01	220 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61A221MA01	220 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R71A221KA01	220 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R71A221MA01	220 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R71C221KE14	220 pF	16Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R71C221ME14	220 pF	16Vdc	X7R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R71C271KE14	270 pF	16Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B11A331KA01	330 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B11A331MA01	330 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61A331KA01	330 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61A331MA01	330 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R71A331KA01	330 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R71A331MA01	330 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R71C331KE14	330 pF	16Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R71C331ME14	330 pF	16Vdc	X7R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R71A391KA01	390 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B11A471KA01	470 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B11A471MA01	470 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61A471KA01	470 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61A471MA01	470 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R71A471KA01	470 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R71A471MA01	470 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R71C471KE14	470 pF	16Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R71C471ME14	470 pF	16Vdc	X7R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B30J681KE19	680 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B30J681ME19	680 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B31A681KE19	680 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B31A681ME19	680 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J681KE19	680 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60J681ME19	680 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61A681KE19	680 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61A681ME19	680 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61C681KE01	680 pF	16Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61C681ME01	680 pF	16Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R71A681KA12	680 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R71A681MA12	680 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R71C681KE14	680 pF	16Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61A821KE19	820 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R71A821KA12	820 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R71A821MA12	820 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B11A102KA12	1000 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B11A102MA12	1000 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B30J102KE19	1000 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B30J102ME19	1000 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B31A102JE19	1000 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022B31A102KE19	1000 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B31A102ME19	1000 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J102JE19	1000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022R60J102KE19	1000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60J102ME19	1000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61A102KE19	1000 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61A102ME19	1000 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61C102KE01	1000 pF	16Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61C102ME01	1000 pF	16Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R71A102KA12	1000 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R71A102MA12	1000 pF	10Vdc	X7R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R71C102KE14	1000 pF	16Vdc	X7R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R71C102ME14	1000 pF	16Vdc	X7R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B30J122KE19	1200 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B30J122ME19	1200 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B31A122JE19	1200 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022B31A122KE19	1200 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B31A122ME19	1200 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B30J152KE19	1500 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B30J152ME19	1500 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B31A152JE19	1500 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022B31A152KE19	1500 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B31A152ME19	1500 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J152KE19	1500 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60J152ME19	1500 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61A152JE19	1500 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022R61A152KE19	1500 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61A152ME19	1500 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61C152KE01	1500 pF	16Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61C152ME01	1500 pF	16Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B30J182KE19	1800 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B30J182ME19	1800 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B31A182JE19	1800 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022B31A182KE19	1800 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B31A182ME19	1800 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J182KE19	1800 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60J182ME19	1800 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B30J222KE19	2200 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B30J222ME19	2200 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B31A222JE19	2200 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022B31A222KE19	2200 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B31A222ME19	2200 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022C71A222KE19	2200 pF	10Vdc	X7S (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022C81C222KE01	2200 pF	16Vdc	X6S (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60J222KE19	2200 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60J222ME19	2200 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61A222JE19	2200 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022R61A222KE19	2200 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61A222ME19	2200 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61C222KE01	2200 pF	16Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61C222ME01	2200 pF	16Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B30J272KE19	2700 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B30J272ME19	2700 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B31A272JE19	2700 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022B31A272KE19	2700 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B31A272ME19	2700 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B30J332KE19	3300 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B30J332ME19	3300 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B31A332JE19	3300 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022B31A332KE19	3300 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B31A332ME19	3300 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022C71A332KE19	3300 pF	10Vdc	X7S (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022C81C332KE01	3300 pF	16Vdc	X6S (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 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)
GRM022R60J332JE19	3300 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022R60J332KE19	3300 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60J332ME19	3300 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61A332JE19	3300 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022R61A332KE19	3300 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61A332ME19	3300 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61C332KE01	3300 pF	16Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61C332ME01	3300 pF	16Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B30J392KE19	3900 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B30J392ME19	3900 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J392JE19	3900 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022R60J392KE19	3900 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60J392ME19	3900 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61A392JE19	3900 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022R61A392KE19	3900 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61A392ME19	3900 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B30J472KE19	4700 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B30J472ME19	4700 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B31A472JE19	4700 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022B31A472KE19	4700 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B31A472ME19	4700 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022C71A472KE19	4700 pF	10Vdc	X7S (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022C81C472KE01	4700 pF	16Vdc	X6S (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60J472JE19	4700 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022R60J472KE19	4700 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60J472ME19	4700 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61A472JE19	4700 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022R61A472KE19	4700 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61A472ME19	4700 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
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
GRM022B30J562KE19	5600 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B30J562ME19	5600 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B31A562JE19	5600 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022B31A562KE19	5600 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B31A562ME19	5600 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J562JE19	5600 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022R60J562KE19	5600 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60J562ME19	5600 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61A562JE19	5600 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022R61A562KE19	5600 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61A562ME19	5600 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	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
GRM022B31A682JE19	6800 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±5%	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
GRM022R60J682JE19	6800 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	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
GRM022R61A682JE19	6800 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	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
GRM022B30J822KE19	8200 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B30J822ME19	8200 pF	6.3Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022B31A822JE19	8200 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022B31A822KE19	8200 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022B31A822ME19	8200 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J822JE19	8200 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022R60J822KE19	8200 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60J822ME19	8200 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61A822JE19	8200 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	Ultra-small	100 Hz - 6 GHz
GRM022R61A822KE19	8200 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61A822ME19	8200 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	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
GRM022B31A103JE19	10000 pF	10Vdc	B (JIS)	01005(0402M)	0.22	±5%	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
GRM022C71A103KE01	10000 pF	10Vdc	X7S (EIA)	01005(0402M)	0.22	±10%	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
GRM022R60J103JE19	10000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	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
GRM022R61A103JE19	10000 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±5%	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	4Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J223KE15	22000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60J223ME15	22000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60G333KE15	33000 pF	4Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60G333ME15	33000 pF	4Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J333ME15	33000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60G473KE15	47000 pF	4Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60G473ME15	47000 pF	4Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J473ME15	47000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60G683ME15	68000 pF	4Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J683ME15	68000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022C80J104ME01	100000 pF	6.3Vdc	X6S (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022C81A104ME05	100000 pF	10Vdc	X6S (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022D70J104ME05	100000 pF	6.3Vdc	X7T (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022D80E104ME15	100000 pF	2.5Vdc	X6T (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022D80G104ME15	100000 pF	4Vdc	X6T (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60G104ME15	100000 pF	4Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J104KE15	100000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60J104ME01	100000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J104ME15	100000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61A104KE01	100000 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R61A104ME01	100000 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61A104ME05	100000 pF	10Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R61C104ME05	100000 pF	16Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 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)
GRM02YD70E104ME01	100000 pF	2.5Vdc	X7T (EIA)	01005(0402M)	0.15	±20%	Ultra-small	100 Hz - 6 GHz
GRM02YD80E104ME01	100000 pF	2.5Vdc	X6T (EIA)	01005(0402M)	0.15	±20%	Ultra-small	100 Hz - 6 GHz
GRM02YD80G104ME01	100000 pF	4Vdc	X6T (EIA)	01005(0402M)	0.15	±20%	Ultra-small	100 Hz - 6 GHz
GRM02YR60G104ME01	100000 pF	4Vdc	X5R (EIA)	01005(0402M)	0.15	±20%	Ultra-small	100 Hz - 6 GHz
GRM02YR60J104ME01	100000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.15	±20%	Ultra-small	100 Hz - 6 GHz
GRM022D80E224ME14	220000 pF	2.5Vdc	X6T (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60G224ME14	220000 pF	4Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J224KE14	220000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±10%	Ultra-small	100 Hz - 6 GHz
GRM022R60J224ME14	220000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022D70E474ME01	470000 pF	2.5Vdc	X7T (EIA)	01005(0402M)	0.25	±20%	Ultra-small	100 Hz - 6 GHz
GRM022D80E474ME01	470000 pF	2.5Vdc	X6T (EIA)	01005(0402M)	0.25	±20%	Ultra-small	100 Hz - 6 GHz
GRM022D80E474ME05	470000 pF	2.5Vdc	X6T (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022D80G474ME01	470000 pF	4Vdc	X6T (EIA)	01005(0402M)	0.25	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60G474ME15	470000 pF	4Vdc	X5R (EIA)	01005(0402M)	0.25	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J474ME05	470000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J474ME15	470000 pF	6.3Vdc	X5R (EIA)	01005(0402M)	0.25	±20%	Ultra-small	100 Hz - 6 GHz
GRM022C80E105ME01	1 uF	2.5Vdc	X6S (EIA)	01005(0402M)	0.25	±20%	Ultra-small	100 Hz - 6 GHz
GRM022C80G105ME01	1 uF	4Vdc	X6S (EIA)	01005(0402M)	0.25	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60G105ME01	1 uF	4Vdc	X5R (EIA)	01005(0402M)	0.25	±20%	Ultra-small	100 Hz - 6 GHz
GRM022R60J105ME01	1 uF	6.3Vdc	X5R (EIA)	01005(0402M)	0.25	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B11C101KA01	100 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11E101KA01	100 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31H101KA12	100 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31H101MA12	100 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R11C101KA01	100 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11E101KA01	100 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61E101KA01	100 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71C101KA01	100 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E101KA01	100 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H101KA12	100 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H101MA12	100 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R71E121KA01	120 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11C151KA01	150 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11E151KA01	150 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31H151KA12	150 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31H151MA12	150 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R11C151KA01	150 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11E151KA01	150 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61E151KA01	150 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71C151KA01	150 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E151KA01	150 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H151KA12	150 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H151MA12	150 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B11C221KA01	220 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11E221KA01	220 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31H221KA12	220 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31H221MA12	220 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R11C221KA01	220 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11E221KA01	220 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61E221KA01	220 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61H221KA12	220 pF	50Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71C221KA01	220 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E221KA01	220 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H221KA12	220 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H221MA12	220 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R71C271JA01	270 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±5%	Ultra-small	100 Hz - 6 GHz
GRM033R71C271KA01	270 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11C331KA01	330 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11E331KA01	330 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31H331KA12	330 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31H331MA12	330 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R11C331KA01	330 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11E331KA01	330 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61E331KA01	330 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61H331KA12	330 pF	50Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71C331KA01	330 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E331KA01	330 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H331KA12	330 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H331MA12	330 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B11C471KA01	470 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11E471KA01	470 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31H471KA12	470 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31H471MA12	470 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R11C471KA01	470 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11E471KA01	470 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61E471KA01	470 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61H471KA12	470 pF	50Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71C471KA01	470 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E471KA01	470 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H471KA12	470 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H471MA12	470 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R71H561KA12	560 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11C681KA01	680 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11E681KA01	680 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31H681KA12	680 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31H681MA12	680 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R11C681KA01	680 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11E681KA01	680 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61E681KA01	680 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61H681KA12	680 pF	50Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71C681KA01	680 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E681KA01	680 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H681KA12	680 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H681MA12	680 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R71E821KA01	820 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11C102KA01	1000 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11E102KA01	1000 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11E102MA01	1000 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31H102KA12	1000 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31H102MA12	1000 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R11C102KA01	1000 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11E102KA01	1000 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61E102KA01	1000 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61H102KA12	1000 pF	50Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71C102KA01	1000 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E102KA01	1000 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H102KA12	1000 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H102MA12	1000 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R71A122KA01	1200 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H122KA12	1200 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B10J152KA01	1500 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11A152KA01	1500 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11C152KA01	1500 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11E152KA01	1500 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11E152MA01	1500 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31H152KA12	1500 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31H152MA12	1500 pF	50Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 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)
GRM033R10J152KA01	1500 pF	6.3Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11A152KA01	1500 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11C152KA01	1500 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11E152KA01	1500 pF	25Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A152KA01	1500 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61H152KA12	1500 pF	50Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R70J152KA01	1500 pF	6.3Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71A152KA01	1500 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71C152KA01	1500 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E152KA01	1500 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H152KA12	1500 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71H152MA12	1500 pF	50Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61A182KA01	1800 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71C182KA88	1800 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E182KA12	1800 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B10J222KA01	2200 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11A222KA01	2200 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31C222KA87	2200 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31C222MA87	2200 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31E222KA12	2200 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31E222MA12	2200 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R10J222KA01	2200 pF	6.3Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11A222KA01	2200 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11C222KA88	2200 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A222KA01	2200 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61E222KA12	2200 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R70J222KA01	2200 pF	6.3Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71A222KA01	2200 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71C222KA88	2200 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E222KA12	2200 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E222MA12	2200 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R71A272KA01	2700 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71C272KA88	2700 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B10J332KA01	3300 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11A332KA01	3300 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31C332KA87	3300 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31C332MA87	3300 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31E332KA12	3300 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31E332MA12	3300 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R10J332KA01	3300 pF	6.3Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11A332KA01	3300 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11C332KA88	3300 pF	16Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A332KA01	3300 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61E332KA12	3300 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R70J332KA01	3300 pF	6.3Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71A332KA01	3300 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71C332KA88	3300 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E332KA12	3300 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E332MA12	3300 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B10J472KA01	4700 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11A472KA01	4700 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11A472MA01	4700 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R10J472KA01	4700 pF	6.3Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11A472KA01	4700 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11A472MA01	4700 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61A472KA01	4700 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A472MA01	4700 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61E472KA12	4700 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61E472MA12	4700 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R70J472KA01	4700 pF	6.3Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71A472KA01	4700 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71A472MA01	4700 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R71C472KE14	4700 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71C472ME14	4700 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R71E472KE14	4700 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E472ME14	4700 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R71A562KA01	5600 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B10J682KA01	6800 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11A682KA01	6800 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11A682MA01	6800 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R10J682KA01	6800 pF	6.3Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11A682KA01	6800 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11A682MA01	6800 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61A682KA01	6800 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A682MA01	6800 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61E682KA12	6800 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61E682MA12	6800 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R70J682KA01	6800 pF	6.3Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71A682KA01	6800 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71A682MA01	6800 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R71C682KE14	6800 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71C682ME14	6800 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R71E682KE14	6800 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E682ME14	6800 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R71A822KA01	8200 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B10J103KA01	10000 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11A103KA01	10000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B11A103MA01	10000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31C103KA12	10000 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31C103MA12	10000 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31E103KA12	10000 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31E103MA12	10000 pF	25Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C81E103KE14	10000 pF	25Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C81E103ME14	10000 pF	25Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R10J103KA01	10000 pF	6.3Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11A103KA01	10000 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R11A103MA01	10000 pF	10Vdc	R (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J103KA01	10000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A103KA01	10000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A103MA01	10000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61C103KA12	10000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61C103MA12	10000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61E103KA12	10000 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61E103MA12	10000 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R70J103KA01	10000 pF	6.3Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71A103KA01	10000 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71A103MA01	10000 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R71C103KE14	10000 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71C103ME14	10000 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R71E103KE14	10000 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R71E103ME14	10000 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31A123KE84	12000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31A123ME84	12000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61A123KE84	12000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A123ME84	12000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61C123KE84	12000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B10J153KE01	15000 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 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)
GRM033B10J153ME01	15000 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31A153KE84	15000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31A153ME84	15000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31C153KE84	15000 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31C153ME84	15000 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C80G153KE01	15000 pF	4Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C80J153KE01	15000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C80J153ME01	15000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J153KE01	15000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A153KE84	15000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A153ME84	15000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61C153KE84	15000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61C153ME84	15000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31A183KE84	18000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31A183ME84	18000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61A183KE84	18000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A183ME84	18000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B10J223KE01	22000 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B10J223ME01	22000 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31A223KE84	22000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31A223ME84	22000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31C223KE84	22000 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31C223ME84	22000 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C80G223KE01	22000 pF	4Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C80J223KE01	22000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C80J223ME01	22000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J223KE01	22000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A223KE84	22000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A223ME84	22000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61C223KE84	22000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61C223ME84	22000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J273KE01	27000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A273KE84	27000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A273ME84	27000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61C273KE84	27000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B10J333KE01	33000 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B10J333ME01	33000 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31A333KE84	33000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31A333ME84	33000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31C333KE84	33000 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31C333ME84	33000 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C80G333KE01	33000 pF	4Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C80J333KE01	33000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C80J333ME01	33000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J333KE01	33000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A333KE84	33000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A333ME84	33000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61C333KE84	33000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61C333ME84	33000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61A393KE84	39000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A393ME84	39000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B30J473KE18	47000 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31A473KE84	47000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31A473ME84	47000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31C473KE84	47000 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31C473ME84	47000 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C80G473KE01	47000 pF	4Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C80J473KE19	47000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C80J473ME19	47000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C81A473KE05	47000 pF	10Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R60J473KE19	47000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A473KE84	47000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A473ME84	47000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61C473KE84	47000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61C473ME84	47000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31C683KE84	68000 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31C683ME84	68000 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C80J683KE15	68000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R60J683KE19	68000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61C683KE84	68000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61C683ME84	68000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61C823KE84	82000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM031R60J104MG01	100000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.11	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B30J104KE18	100000 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B30J104ME18	100000 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31A104KE15	100000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31A104ME15	100000 pF	10Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B31C104KE84	100000 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B31C104ME84	100000 pF	16Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C70J104KE14	100000 pF	6.3Vdc	X7S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C70J104ME14	100000 pF	6.3Vdc	X7S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C71A104KE14	100000 pF	10Vdc	X7S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C71A104ME14	100000 pF	10Vdc	X7S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C71C104KE14	100000 pF	16Vdc	X7S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C71C104ME14	100000 pF	16Vdc	X7S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C80G104KE19	100000 pF	4Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C80G104ME19	100000 pF	4Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C80J104KE15	100000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C80J104ME15	100000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C81A104KE14	100000 pF	10Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C81A104ME14	100000 pF	10Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C81C104KE14	100000 pF	16Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C81C104ME14	100000 pF	16Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C81E104KE14	100000 pF	25Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C81E104ME14	100000 pF	25Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J104KE19	100000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R60J104ME19	100000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61A104KE15	100000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A104ME15	100000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61C104KE14	100000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61C104KE18	100000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61C104ME14	100000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61C104ME18	100000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61E104KE14	100000 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61E104ME14	100000 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R6YA104KE14	100000 pF	35Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R6YA104ME14	100000 pF	35Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033Z71A104KE14	100000 pF	10Vdc	X7R (MURATA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033Z71A104ME14	100000 pF	10Vdc	X7R (MURATA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033Z71C104KE14	100000 pF	16Vdc	X7R (MURATA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033Z71C104ME14	100000 pF	16Vdc	X7R (MURATA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B30G224ME15	220000 pF	4Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033B30J224KE15	220000 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033B30J224ME15	220000 pF	6.3Vdc	B (JIS)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C80E224ME15	220000 pF	2.5Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C80G224ME15	220000 pF	4Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C80G224ME90	220000 pF	4Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 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)
GRM033C80J224KE90	220000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C80J224ME90	220000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C81A224KE01	220000 pF	10Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033C81A224ME01	220000 pF	10Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033D61H224KE01	220000 pF	50Vdc	X5T (EIA)	0201(0603M)	0.39	±10%	Ultra-small	100 Hz - 6 GHz
GRM033D61J224KE01	220000 pF	63Vdc	X5T (EIA)	0201(0603M)	0.39	±10%	Ultra-small	100 Hz - 6 GHz
GRM033D6YA224KE01	220000 pF	35Vdc	X5T (EIA)	0201(0603M)	0.39	±10%	Ultra-small	100 Hz - 6 GHz
GRM033D70J224KE01	220000 pF	6.3Vdc	X7T (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033D70J224ME01	220000 pF	6.3Vdc	X7T (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60G224ME15	220000 pF	4Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J224KE15	220000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R60J224KE90	220000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R60J224ME15	220000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J224ME90	220000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61A224KE90	220000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A224ME90	220000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61C224KE14	220000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61C224ME14	220000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61E224KE01	220000 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61E224ME01	220000 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J334ME90	330000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60G474ME90	470000 pF	4Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J474KE90	470000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R60J474ME90	470000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61A474ME05	470000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM032D80G105ME01	1 uF	4Vdc	X6T (EIA)	0201(0603M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM032R60G105ME05	1 uF	4Vdc	X5R (EIA)	0201(0603M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM032R60J105ME05	1 uF	6.3Vdc	X5R (EIA)	0201(0603M)	0.22	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C80G105ME05	1 uF	4Vdc	X6S (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C80J105ME05	1 uF	6.3Vdc	X6S (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C81A105ME05	1 uF	10Vdc	X6S (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM033D70E105ME15	1 uF	2.5Vdc	X7T (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM033D70G105ME01	1 uF	4Vdc	X7T (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM033D70J105ME01	1 uF	6.3Vdc	X7T (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60G105MEA2	1 uF	4Vdc	X5R (EIA)	0201(0603M)	0.35	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J105MEA2	1 uF	6.3Vdc	X5R (EIA)	0201(0603M)	0.35	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61A105ME01	1 uF	10Vdc	X5R (EIA)	0201(0603M)	0.35	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61A105ME44	1 uF	10Vdc	X5R (EIA)	0201(0603M)	0.35	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60G155ME14	1.5 uF	4Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J155ME14	1.5 uF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C80E225ME01	2.2 uF	2.5Vdc	X6S (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C80G225ME01	2.2 uF	4Vdc	X6S (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM033D80E225ME47	2.2 uF	2.5Vdc	X6T (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60G225ME44	2.2 uF	4Vdc	X5R (EIA)	0201(0603M)	0.35	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60G225ME47	2.2 uF	4Vdc	X5R (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J225ME01	2.2 uF	6.3Vdc	X5R (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J225ME05	2.2 uF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J225ME15	2.2 uF	6.3Vdc	X5R (EIA)	0201(0603M)	0.35	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J225ME47	2.2 uF	6.3Vdc	X5R (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R61A225KE47	2.2 uF	10Vdc	X5R (EIA)	0201(0603M)	0.39	±10%	Ultra-small	100 Hz - 6 GHz
GRM033R61A225ME47	2.2 uF	10Vdc	X5R (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM035C80J225ME01	2.2 uF	6.3Vdc	X6S (EIA)	0201(0603M)	0.55	±20%	Ultra-small	100 Hz - 6 GHz
GRM035D70G225ME01	2.2 uF	4Vdc	X7T (EIA)	0201(0603M)	0.55	±20%	Ultra-small	100 Hz - 6 GHz
GRM035R61A225ME01	2.2 uF	10Vdc	X5R (EIA)	0201(0603M)	0.55	±20%	Ultra-small	100 Hz - 6 GHz
GRM035R61C225ME01	2.2 uF	16Vdc	X5R (EIA)	0201(0603M)	0.55	±20%	Ultra-small	100 Hz - 6 GHz
GRM033C80E475ME05	4.7 uF	2.5Vdc	X6S (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60G475ME05	4.7 uF	4Vdc	X5R (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM033R60J475ME05	4.7 uF	6.3Vdc	X5R (EIA)	0201(0603M)	0.39	±20%	Ultra-small	100 Hz - 6 GHz
GRM035D70E475ME18	4.7 uF	2.5Vdc	X7T (EIA)	0201(0603M)	0.55	±20%	Ultra-small	100 Hz - 6 GHz
GRM035R60E475ME01	4.7 uF	2.5Vdc	X5R (EIA)	0201(0603M)	0.55	±20%	Ultra-small	100 Hz - 6 GHz
GRM035R60G475ME15	4.7 uF	4Vdc	X5R (EIA)	0201(0603M)	0.55	±20%	Ultra-small	100 Hz - 6 GHz
GRM035R60J475ME15	4.7 uF	6.3Vdc	X5R (EIA)	0201(0603M)	0.55	±20%	Ultra-small	100 Hz - 6 GHz
GRM035C80E106ME01	10 uF	2.5Vdc	X6S (EIA)	0201(0603M)	0.55	±20%	Ultra-small	100 Hz - 6 GHz
GRM035R60G106ME01	10 uF	4Vdc	X5R (EIA)	0201(0603M)	0.55	±20%	Ultra-small	100 Hz - 6 GHz
GRM155B11H221KA01	220 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155B11H221MA01	220 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz - 6 GHz
GRM155R11H221KA01	220 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155R71H221KA01	220 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155R72A221KA01	220 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155R72A221MA01	220 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz - 6 GHz
GRM15XB11H221KA86	220 pF	50Vdc	B (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz - 6 GHz
GRM15XB11H221MA86	220 pF	50Vdc	B (JIS)	0402(1005M)	0.3	±20%	General Purpose	100 Hz - 6 GHz
GRM15XR11H221KA86	220 pF	50Vdc	R (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz - 6 GHz
GRM15XR71H221KA86	220 pF	50Vdc	X7R (EIA)	0402(1005M)	0.3	±10%	General Purpose	100 Hz - 6 GHz
GRM155R71H271KA01	270 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155B11H331KA01	330 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155B11H331MA01	330 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz - 6 GHz
GRM155R11H331KA01	330 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155R71H331KA01	330 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155R72A331KA01	330 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM15XB11H331KA86	330 pF	50Vdc	B (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz - 6 GHz
GRM15XB11H331MA86	330 pF	50Vdc	B (JIS)	0402(1005M)	0.3	±20%	General Purpose	100 Hz - 6 GHz
GRM15XR11H331KA86	330 pF	50Vdc	R (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz - 6 GHz
GRM15XR71H331KA86	330 pF	50Vdc	X7R (EIA)	0402(1005M)	0.3	±10%	General Purpose	100 Hz - 6 GHz
GRM155R71H391KA01	390 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155B11H471KA01	470 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155B11H471MA01	470 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz - 6 GHz
GRM155R11H471KA01	470 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155R71H471KA01	470 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155R72A471KA01	470 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155R72A471MA01	470 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz - 6 GHz
GRM15XB11H471KA86	470 pF	50Vdc	B (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz - 6 GHz
GRM15XB11H471MA86	470 pF	50Vdc	B (JIS)	0402(1005M)	0.3	±20%	General Purpose	100 Hz - 6 GHz
GRM15XR11H471KA86	470 pF	50Vdc	R (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz - 6 GHz
GRM15XR71H471KA86	470 pF	50Vdc	X7R (EIA)	0402(1005M)	0.3	±10%	General Purpose	100 Hz - 6 GHz
GRM155R71H561KA01	560 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155B11H681KA01	680 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155B11H681MA01	680 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz - 6 GHz
GRM155R11H681KA01	680 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155R71H681KA01	680 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155R72A681KA01	680 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM15XB11H681KA86	680 pF	50Vdc	B (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz - 6 GHz
GRM15XB11H681MA86	680 pF	50Vdc	B (JIS)	0402(1005M)	0.3	±20%	General Purpose	100 Hz - 6 GHz
GRM15XR11H681KA86	680 pF	50Vdc	R (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz - 6 GHz
GRM15XR71H681KA86	680 pF	50Vdc	X7R (EIA)	0402(1005M)	0.3	±10%	General Purpose	100 Hz - 6 GHz
GRM155R71H821KA01	820 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155B11E102KA01	1000 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155B11H102KA01	1000 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155B11H102MA01	1000 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz - 6 GHz
GRM155R11H102KA01	1000 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155R61E102KA01	1000 pF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155R61H102KA01	1000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155R71C102KA01	1000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155R71H102KA01	1000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz - 6 GHz
GRM155R71H102MA01	1000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz - 6 GHz
GRM155R72A102KA01	1000 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	400 kHz - 6 GHz
GRM155R72A102MA01	1000 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	400 kHz - 6 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)
GRM15XB11H102KA86	1000 pF	50Vdc	B (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XB11H102MA86	1000 pF	50Vdc	B (JIS)	0402(1005M)	0.3	±20%	General Purpose	100 Hz – 6 GHz
GRM15XR11H102KA86	1000 pF	50Vdc	R (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XR71H102KA86	1000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H122KA01	1200 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11H152KA01	1500 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11H152MA01	1500 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R11H152KA01	1500 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H152KA01	1500 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R72A152KA01	1500 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM15XB11H152KA86	1500 pF	50Vdc	B (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XB11H152MA86	1500 pF	50Vdc	B (JIS)	0402(1005M)	0.3	±20%	General Purpose	100 Hz – 6 GHz
GRM15XR11H152KA86	1500 pF	50Vdc	R (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XR71H152KA86	1500 pF	50Vdc	X7R (EIA)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H182KA01	1800 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11E222KA01	2200 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11H222KA01	2200 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11H222MA01	2200 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R11H222JA01	2200 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155R11H222KA01	2200 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R11H222MA01	2200 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61E222KA01	2200 pF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H222KA01	2200 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71E222KA01	2200 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H222JA01	2200 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155R71H222KA01	2200 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H222MA01	2200 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R72A222KA01	2200 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R72A222MA01	2200 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM15XB11E222KA86	2200 pF	25Vdc	B (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XB11E222MA86	2200 pF	25Vdc	B (JIS)	0402(1005M)	0.3	±20%	General Purpose	100 Hz – 6 GHz
GRM15XR11E222KA86	2200 pF	25Vdc	R (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XR71E222KA86	2200 pF	25Vdc	X7R (EIA)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XR71E222MA86	2200 pF	25Vdc	X7R (EIA)	0402(1005M)	0.3	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71H272KA01	2700 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11H332KA01	3300 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11H332MA01	3300 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R11H332KA01	3300 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H332KA01	3300 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R72A332KA01	3300 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM15XB11C332KA86	3300 pF	16Vdc	B (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XB11C332MA86	3300 pF	16Vdc	B (JIS)	0402(1005M)	0.3	±20%	General Purpose	100 Hz – 6 GHz
GRM15XR71C332KA86	3300 pF	16Vdc	X7R (EIA)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XR71C332MA86	3300 pF	16Vdc	X7R (EIA)	0402(1005M)	0.3	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71H392JA01	3900 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155R71H392KA01	3900 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11E472KA01	4700 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11H472KA01	4700 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11H472MA01	4700 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R11E472KA01	4700 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R11H472JA01	4700 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155R11H472KA01	4700 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R11H472MA01	4700 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61E472KA01	4700 pF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H472KA01	4700 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71C472KA01	4700 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71E472KA01	4700 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H472JA01	4700 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155R71H472KA01	4700 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H472MA01	4700 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R72A472KA01	4700 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R72A472MA01	4700 pF	100Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM15XB11C472KA86	4700 pF	16Vdc	B (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XB11C472MA86	4700 pF	16Vdc	B (JIS)	0402(1005M)	0.3	±20%	General Purpose	100 Hz – 6 GHz
GRM15XR11C472KA86	4700 pF	16Vdc	R (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XR71C472KA86	4700 pF	16Vdc	X7R (EIA)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XR71C472MA86	4700 pF	16Vdc	X7R (EIA)	0402(1005M)	0.3	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71E562KA01	5600 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H562KA88	5600 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11E682KA01	6800 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31H682KA88	6800 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31H682MA88	6800 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R11E682KA01	6800 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R11H682KA88	6800 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71E682KA01	6800 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H682KA88	6800 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM15XB11C682KA86	6800 pF	16Vdc	B (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XB11C682MA86	6800 pF	16Vdc	B (JIS)	0402(1005M)	0.3	±20%	General Purpose	100 Hz – 6 GHz
GRM15XR71C682KA86	6800 pF	16Vdc	X7R (EIA)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XR71C682MA86	6800 pF	16Vdc	X7R (EIA)	0402(1005M)	0.3	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71E822KA01	8200 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11C103KA01	10000 pF	16Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11C103MA01	10000 pF	16Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B11E103KA01	10000 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11E103MA01	10000 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B31H103KA88	10000 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 kHz – 6 GHz
GRM155B31H103MA88	10000 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 kHz – 6 GHz
GRM155R11E103KA01	10000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R11H103JA88	10000 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±5%	General Purpose	100 kHz – 6 GHz
GRM155R11H103KA88	10000 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 kHz – 6 GHz
GRM155R11H103MA88	10000 pF	50Vdc	R (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 kHz – 6 GHz
GRM155R61C103KA01	10000 pF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71C103KA01	10000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71C103MA01	10000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71E103KA01	10000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H103JA88	10000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±5%	General Purpose	100 kHz – 6 GHz
GRM155R71H103KA88	10000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 kHz – 6 GHz
GRM155R71H103MA88	10000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 kHz – 6 GHz
GRM15XB11C103KA86	10000 pF	16Vdc	B (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XB11C103MA86	10000 pF	16Vdc	B (JIS)	0402(1005M)	0.3	±20%	General Purpose	100 Hz – 6 GHz
GRM15XR11C103KA86	10000 pF	16Vdc	R (JIS)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XR71C103KA86	10000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XR71C103MA86	10000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.3	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71E123KA61	12000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H123KA12	12000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11E153KA61	15000 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11E153MA61	15000 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B31H153KA12	15000 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31H153MA12	15000 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R11E153KA61	15000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71C153KA01	15000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71E153KA61	15000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H153KA12	15000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM15XR61A153KA86	15000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XR61A153MA86	15000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.3	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71C183KA01	18000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11C223KA01	22000 pF	16Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 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)
GRM155B11E223KA61	22000 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11E223MA61	22000 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B31H223KA12	22000 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31H223MA12	22000 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R11C223JA01	22000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155R11C223KA01	22000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R11C223MA01	22000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R11E223KA61	22000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61C223KA01	22000 pF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R70J223KA01	22000 pF	6.3Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71C223JA01	22000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155R71C223KA01	22000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71C223MA01	22000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71E223JA61	22000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155R71E223KA61	22000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71E223MA61	22000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71H223JA12	22000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155R71H223KA12	22000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H223MA12	22000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM15XR61A223KA86	22000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XR61A223MA86	22000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.3	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71E273KA88	27000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11C333KA01	33000 pF	16Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31E333KA87	33000 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31E333MA87	33000 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C71H333KE19	33000 pF	50Vdc	X7S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C71H333ME19	33000 pF	50Vdc	X7S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81H333KE14	33000 pF	50Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81H333ME14	33000 pF	50Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R11C333KA01	33000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R11E333KA88	33000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61A333KA01	33000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61C333KA01	33000 pF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H333KE14	33000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H333KE19	33000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H333ME14	33000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61H333ME19	33000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71A333MA01	33000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71C333KA01	33000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71E333KA88	33000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H333KE14	33000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H333ME14	33000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM15XR61A333KA86	33000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.3	±10%	General Purpose	100 Hz – 6 GHz
GRM15XR61A333MA86	33000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.3	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61A393KA01	39000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H393KE14	39000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11C473KA01	47000 pF	16Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31E473KA87	47000 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31E473MA87	47000 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C71H473JE19	47000 pF	50Vdc	X7S (EIA)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155C71H473KE19	47000 pF	50Vdc	X7S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C71H473ME19	47000 pF	50Vdc	X7S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81H473KE14	47000 pF	50Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81H473KE19	47000 pF	50Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81H473ME14	47000 pF	50Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R11A473JA01	47000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155R11A473KA01	47000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R11A473MA01	47000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R11C473JA01	47000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155R11C473KA01	47000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R11C473MA01	47000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R11E473KA88	47000 pF	25Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61A473KA01	47000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61C473KA01	47000 pF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H473KE14	47000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H473KE19	47000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H473ME14	47000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61H473ME19	47000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R70J473KA01	47000 pF	6.3Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71A473JA01	47000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155R71A473KA01	47000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71A473MA01	47000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71C473JA01	47000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155R71C473KA01	47000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71C473MA01	47000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71E473JA88	47000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155R71E473KA88	47000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71E473MA88	47000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71H473KE14	47000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H473ME14	47000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71C563KA88	56000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31C683KA87	68000 pF	16Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31E683KA87	68000 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31E683MA87	68000 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C71H683KE19	68000 pF	50Vdc	X7S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C71H683ME19	68000 pF	50Vdc	X7S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81E683KA12	68000 pF	25Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81H683KE14	68000 pF	50Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81H683ME14	68000 pF	50Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R11A683KA01	68000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R11A683MA01	68000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R11C683KA88	68000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61A683KA01	68000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61C683KA88	68000 pF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61E683KA87	68000 pF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61E683MA87	68000 pF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61H683KE14	68000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H683KE19	68000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H683ME14	68000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61H683ME19	68000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71A683KA01	68000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71A683MA01	68000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71C683KA88	68000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71E683KE14	68000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71E683ME14	68000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71H683KE14	68000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H683ME14	68000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71C823KA88	82000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H823KE14	82000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM152B30J104KE19	100000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152B30J104ME19	100000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152B31A104KE19	100000 pF	10Vdc	B (JIS)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152B31A104ME19	100000 pF	10Vdc	B (JIS)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152C80G104KE19	100000 pF	4Vdc	X6S (EIA)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152C80G104ME19	100000 pF	4Vdc	X6S (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152C80J104KE19	100000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152C80J104ME19	100000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 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)
GRM152D70E104KE19	100000 pF	2.5Vdc	X7T (EIA)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152D70E104ME19	100000 pF	2.5Vdc	X7T (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152D70G104KE15	100000 pF	4Vdc	X7T (EIA)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152D70G104ME15	100000 pF	4Vdc	X7T (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152R60J104KE19	100000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152R60J104ME19	100000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152R61A104KE19	100000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152R61A104ME19	100000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM155B10J104KA01	100000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B11A104KA01	100000 pF	10Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31C104KA87	100000 pF	16Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31E104KA87	100000 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31E104MA87	100000 pF	25Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B31H104KE14	100000 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31H104ME14	100000 pF	50Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C71H104JE19	100000 pF	50Vdc	X7S (EIA)	0402(1005M)	0.55	±5%	General Purpose	100 Hz – 6 GHz
GRM155C71H104KE19	100000 pF	50Vdc	X7S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C71H104ME19	100000 pF	50Vdc	X7S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81E104KA12	100000 pF	25Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81E104MA12	100000 pF	25Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81H104KE14	100000 pF	50Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81H104KE19	100000 pF	50Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81H104ME14	100000 pF	50Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R11A104KA01	100000 pF	10Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R11C104KA88	100000 pF	16Vdc	R (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R60J104KA01	100000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R60J104MA01	100000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61A104KA01	100000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61A104MA01	100000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61C104KA88	100000 pF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61E104KA87	100000 pF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61E104MA87	100000 pF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61H104KE14	100000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H104KE19	100000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H104ME14	100000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61H104ME19	100000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R62A104KE14	100000 pF	100Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R62A104ME14	100000 pF	100Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R70J104KA01	100000 pF	6.3Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71A104KA01	100000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71A104MA01	100000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71C104KA88	100000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71E104KE14	100000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71E104ME14	100000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71H104KE14	100000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71H104ME14	100000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61A124KE19	120000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B10J154KE01	150000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B10J154ME01	150000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B31A154KE18	150000 pF	10Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31A154ME18	150000 pF	10Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80G154KE01	150000 pF	4Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C80G154ME01	150000 pF	4Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80J154KE01	150000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C80J154ME01	150000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60J154KE01	150000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R60J154ME01	150000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61A154KE19	150000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61A154ME19	150000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71C154KA12	150000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61A184KE19	180000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM152B30J224KE19	220000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152B30J224ME19	220000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152B31A224KE19	220000 pF	10Vdc	B (JIS)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152B31A224ME19	220000 pF	10Vdc	B (JIS)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152C80G224KE19	220000 pF	4Vdc	X6S (EIA)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152C80G224ME19	220000 pF	4Vdc	X6S (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152C80J224KE19	220000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152C80J224ME19	220000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152D70E224KE19	220000 pF	2.5Vdc	X7T (EIA)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152D70E224ME19	220000 pF	2.5Vdc	X7T (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152D70G224KE15	220000 pF	4Vdc	X7T (EIA)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152D70G224ME15	220000 pF	4Vdc	X7T (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152R60J224KE19	220000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152R60J224ME19	220000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152R61A224KE19	220000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.22	±10%	General Purpose	100 Hz – 6 GHz
GRM152R61A224ME19	220000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM155B10J224KE01	220000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B10J224ME01	220000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B31A224KE18	220000 pF	10Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31A224ME18	220000 pF	10Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80G224KE01	220000 pF	4Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C80G224ME01	220000 pF	4Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80J224KE01	220000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C80J224ME01	220000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81E224KE01	220000 pF	25Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81E224ME01	220000 pF	25Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C8YA224KE01	220000 pF	35Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C8YA224ME01	220000 pF	35Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155D71E224KE01	220000 pF	25Vdc	X7T (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155D71H224KE01	220000 pF	50Vdc	X7T (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R60J224KE01	220000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R60J224ME01	220000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61A224KE19	220000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61A224ME19	220000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61C224KA12	220000 pF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61C224MA12	220000 pF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61E224KE01	220000 pF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61E224ME01	220000 pF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61H224KE01	220000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H224ME01	220000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61J224KE01	220000 pF	63Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61J224ME01	220000 pF	63Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R6YA224KE01	220000 pF	35Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R6YA224ME01	220000 pF	35Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71A224KE01	220000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71A224ME01	220000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71C224KA12	220000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71C224MA12	220000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B10J334KE01	330000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B10J334ME01	330000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B31A334KE14	330000 pF	10Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31A334ME14	330000 pF	10Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80G334KE01	330000 pF	4Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C80G334ME01	330000 pF	4Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80J334KE01	330000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C80J334ME01	330000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 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)
GRM155R60J334KE01	330000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R60J334ME01	330000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61A334KE15	330000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61A334ME15	330000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61H334KE01	330000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.6	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H334ME01	330000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61J334KE01	330000 pF	63Vdc	X5R (EIA)	0402(1005M)	0.6	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61J334ME01	330000 pF	63Vdc	X5R (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM152B30J474ME15	470000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152D80G474ME15	470000 pF	4Vdc	X6T (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152R60J474ME15	470000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM155B30J474KE18	470000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B30J474ME18	470000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B31A474KE14	470000 pF	10Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31A474ME14	470000 pF	10Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80G474KE01	470000 pF	4Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C80G474ME01	470000 pF	4Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80J474KE19	470000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C80J474ME19	470000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81C474KE01	470000 pF	16Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81C474ME01	470000 pF	16Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60J474KE19	470000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R60J474ME19	470000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61A474KE15	470000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61A474ME15	470000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61C474KE01	470000 pF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61C474ME01	470000 pF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61E474KE01	470000 pF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61E474ME01	470000 pF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61H474KE11	470000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.6	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H474ME11	470000 pF	50Vdc	X5R (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155R6YA474KE01	470000 pF	35Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R6YA474ME01	470000 pF	35Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R71A474KE01	470000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R71A474ME01	470000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B30J684KE18	680000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B30J684ME18	680000 pF	6.3Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B31A684KE15	680000 pF	10Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31A684ME15	680000 pF	10Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60J684KE19	680000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R60J684ME19	680000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61A684KE15	680000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61A684ME15	680000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60J824KE19	820000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM152D80G105ME15	1 uF	4Vdc	X6T (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152R60G105ME15	1 uF	4Vdc	X5R (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152R60J105ME15	1 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM153B30G105ME19	1 uF	4Vdc	B (JIS)	0402(1005M)	0.33	±20%	General Purpose	100 Hz – 6 GHz
GRM153B30J105ME15	1 uF	6.3Vdc	B (JIS)	0402(1005M)	0.33	±20%	General Purpose	100 Hz – 6 GHz
GRM153B31A105ME95	1 uF	10Vdc	B (JIS)	0402(1005M)	0.33	±20%	General Purpose	100 Hz – 6 GHz
GRM153C80G105ME15	1 uF	4Vdc	X6S (EIA)	0402(1005M)	0.33	±20%	General Purpose	100 Hz – 6 GHz
GRM153D80G105ME95	1 uF	4Vdc	X6T (EIA)	0402(1005M)	0.33	±20%	General Purpose	100 Hz – 6 GHz
GRM153D80J105ME95	1 uF	6.3Vdc	X6T (EIA)	0402(1005M)	0.33	±20%	General Purpose	100 Hz – 6 GHz
GRM153R60G105ME19	1 uF	4Vdc	X5R (EIA)	0402(1005M)	0.33	±20%	General Purpose	100 Hz – 6 GHz
GRM153R60J105ME15	1 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.33	±20%	General Purpose	100 Hz – 6 GHz
GRM153R61A105ME95	1 uF	10Vdc	X5R (EIA)	0402(1005M)	0.33	±20%	General Purpose	100 Hz – 6 GHz
GRM155B30J105KE18	1 uF	6.3Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B30J105ME18	1 uF	6.3Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B31A105ME01	1 uF	10Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B31C105KA12	1 uF	16Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31C105MA12	1 uF	16Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B31E105KA12	1 uF	25Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31E105MA12	1 uF	25Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C70J105KE11	1 uF	6.3Vdc	X7S (EIA)	0402(1005M)	0.6	±10%	General Purpose	100 Hz – 6 GHz
GRM155C70J105ME11	1 uF	6.3Vdc	X7S (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155C71A105KE11	1 uF	10Vdc	X7S (EIA)	0402(1005M)	0.6	±10%	General Purpose	100 Hz – 6 GHz
GRM155C71A105ME11	1 uF	10Vdc	X7S (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155C71C105KE11	1 uF	16Vdc	X7S (EIA)	0402(1005M)	0.6	±10%	General Purpose	100 Hz – 6 GHz
GRM155C71C105ME11	1 uF	16Vdc	X7S (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80G105KE19	1 uF	4Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C80J105KA12	1 uF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C80J105KE15	1 uF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81A105KA12	1 uF	10Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81A105MA12	1 uF	10Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81C105KE11	1 uF	16Vdc	X6S (EIA)	0402(1005M)	0.6	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81C105KE15	1 uF	16Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81C105ME11	1 uF	16Vdc	X6S (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81C105ME15	1 uF	16Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81E105KE11	1 uF	25Vdc	X6S (EIA)	0402(1005M)	0.6	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81E105ME11	1 uF	25Vdc	X6S (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155D71E105KE11	1 uF	25Vdc	X7T (EIA)	0402(1005M)	0.65	±10%	General Purpose	100 Hz – 6 GHz
GRM155R60G105ME01	1 uF	4Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60J105KE19	1 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R60J105ME19	1 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61A105KE01	1 uF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61A105KE15	1 uF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61A105ME01	1 uF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61C105KA12	1 uF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61C105MA12	1 uF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61E105KA12	1 uF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61E105KE11	1 uF	25Vdc	X5R (EIA)	0402(1005M)	0.6	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61E105MA12	1 uF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61H105KE05	1 uF	50Vdc	X5R (EIA)	0402(1005M)	0.6	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61H105ME05	1 uF	50Vdc	X5R (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155R6YA105KE11	1 uF	35Vdc	X5R (EIA)	0402(1005M)	0.6	±10%	General Purpose	100 Hz – 6 GHz
GRM155R6YA105ME11	1 uF	35Vdc	X5R (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155R70G105KA12	1 uF	4Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R70G105MA12	1 uF	4Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R70J105KA12	1 uF	6.3Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R70J105MA12	1 uF	6.3Vdc	X7R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155Z71A105KE01	1 uF	10Vdc	X7R (MURATA)	0402(1005M)	0.6	±10%	General Purpose	100 Hz – 6 GHz
GRM152D80E225ME01	2.2 uF	2.5Vdc	X6T (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM152R60J225ME05	2.2 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.22	±20%	General Purpose	100 Hz – 6 GHz
GRM153B30G225ME95	2.2 uF	4Vdc	B (JIS)	0402(1005M)	0.33	±20%	General Purpose	100 Hz – 6 GHz
GRM153B30J225ME95	2.2 uF	6.3Vdc	B (JIS)	0402(1005M)	0.33	±20%	General Purpose	100 Hz – 6 GHz
GRM153R60G225ME95	2.2 uF	4Vdc	X5R (EIA)	0402(1005M)	0.33	±20%	General Purpose	100 Hz – 6 GHz
GRM153R60J225ME95	2.2 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.33	±20%	General Purpose	100 Hz – 6 GHz
GRM155B30G225ME15	2.2 uF	4Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155B31A225KE95	2.2 uF	10Vdc	B (JIS)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155B31A225ME95	2.2 uF	10Vdc	B (JIS)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C70G225ME11	2.2 uF	4Vdc	X7S (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155C70J225KE11	2.2 uF	6.3Vdc	X7S (EIA)	0402(1005M)	0.7	±10%	General Purpose	100 Hz – 6 GHz
GRM155C70J225ME11	2.2 uF	6.3Vdc	X7S (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155C71A225KE11	2.2 uF	10Vdc	X7S (EIA)	0402(1005M)	0.7	±10%	General Purpose	100 Hz – 6 GHz
GRM155C71A225ME11	2.2 uF	10Vdc	X7S (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80E225ME15	2.2 uF	2.5Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80G225ME15	2.2 uF	4Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 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)
GRM155C80J225KE95	2.2 uF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155C80J225ME95	2.2 uF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81A225KE11	2.2 uF	10Vdc	X6S (EIA)	0402(1005M)	0.7	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81A225KE44	2.2 uF	10Vdc	X6S (EIA)	0402(1005M)	0.6	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81A225ME11	2.2 uF	10Vdc	X6S (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81A225ME15	2.2 uF	10Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81A225ME44	2.2 uF	10Vdc	X6S (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81C225KE11	2.2 uF	16Vdc	X6S (EIA)	0402(1005M)	0.7	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81C225ME11	2.2 uF	16Vdc	X6S (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81C225ME15	2.2 uF	16Vdc	X6S (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81E225KE11	2.2 uF	25Vdc	X6S (EIA)	0402(1005M)	0.7	±10%	General Purpose	100 Hz – 6 GHz
GRM155C81E225ME11	2.2 uF	25Vdc	X6S (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155D70J225ME44	2.2 uF	6.3Vdc	X7T (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155D71A225KE11	2.2 uF	10Vdc	X7T (EIA)	0402(1005M)	0.65	±10%	General Purpose	100 Hz – 6 GHz
GRM155D71A225ME11	2.2 uF	10Vdc	X7T (EIA)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155D71A225ME15	2.2 uF	10Vdc	X7T (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155D71C225ME11	2.2 uF	16Vdc	X7T (EIA)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155D80G225KE95	2.2 uF	4Vdc	X6T (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155D80G225ME95	2.2 uF	4Vdc	X6T (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155D80J225KE95	2.2 uF	6.3Vdc	X6T (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155D80J225ME95	2.2 uF	6.3Vdc	X6T (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155D81C225ME11	2.2 uF	16Vdc	X6T (EIA)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155D81E225ME11	2.2 uF	25Vdc	X6T (EIA)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60G225ME15	2.2 uF	4Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60J225KE01	2.2 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R60J225ME01	2.2 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61A225KE01	2.2 uF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61A225ME01	2.2 uF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61C225KE11	2.2 uF	16Vdc	X5R (EIA)	0402(1005M)	0.7	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61C225KE44	2.2 uF	16Vdc	X5R (EIA)	0402(1005M)	0.6	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61C225ME11	2.2 uF	16Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61C225ME15	2.2 uF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61C225ME44	2.2 uF	16Vdc	X5R (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61E225KE11	2.2 uF	25Vdc	X5R (EIA)	0402(1005M)	0.7	±10%	General Purpose	100 Hz – 6 GHz
GRM155R61E225ME11	2.2 uF	25Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61E225ME15	2.2 uF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM155R6YA225KE11	2.2 uF	35Vdc	X5R (EIA)	0402(1005M)	0.7	±10%	General Purpose	100 Hz – 6 GHz
GRM155R6YA225ME11	2.2 uF	35Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155Z71A225KE01	2.2 uF	10Vdc	X7R (MURATA)	0402(1005M)	0.65	±10%	General Purpose	100 Hz – 6 GHz
GRM155Z71A225KE44	2.2 uF	10Vdc	X7R (MURATA)	0402(1005M)	0.7	±10%	General Purpose	100 Hz – 6 GHz
GRM155Z71A225ME43	2.2 uF	10Vdc	X7R (MURATA)	0402(1005M)	0.55	±20%	General Purpose	100 Hz – 6 GHz
GRM153R60G475ME15	4.7 uF	4Vdc	X5R (EIA)	0402(1005M)	0.33	±20%	General Purpose	100 Hz – 6 GHz
GRM153R60J475ME15	4.7 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.33	±20%	General Purpose	100 Hz – 6 GHz
GRM155B30G475ME47	4.7 uF	4Vdc	B (JIS)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155B30G475ME87	4.7 uF	4Vdc	B (JIS)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155B30J475ME47	4.7 uF	6.3Vdc	B (JIS)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155B30J475ME87	4.7 uF	6.3Vdc	B (JIS)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155C61E475ME15	4.7 uF	25Vdc	X5S (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80J475ME01	4.7 uF	6.3Vdc	X6S (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80J475MEAA	4.7 uF	6.3Vdc	X6S (EIA)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155C81A475ME01	4.7 uF	10Vdc	X6S (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155D70G475ME15	4.7 uF	4Vdc	X7T (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155D70J475ME15	4.7 uF	6.3Vdc	X7T (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155D71A475ME15	4.7 uF	10Vdc	X7T (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155D80E475ME47	4.7 uF	2.5Vdc	X6T (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155D81A475ME15	4.7 uF	10Vdc	X6T (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155D81C475ME15	4.7 uF	16Vdc	X6T (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60E475ME76	4.7 uF	2.5Vdc	X5R (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60G475ME47	4.7 uF	4Vdc	X5R (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60G475ME87	4.7 uF	4Vdc	X5R (EIA)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60J475ME47	4.7 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.6	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60J475ME87	4.7 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61A475ME01	4.7 uF	10Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61A475MEAA	4.7 uF	10Vdc	X5R (EIA)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61C475ME01	4.7 uF	16Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155C60E106ME16	10 uF	2.5Vdc	X5S (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80E106ME44	10 uF	2.5Vdc	X6S (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80G106ME18	10 uF	4Vdc	X6S (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80G106ME44	10 uF	4Vdc	X6S (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80J106ME18	10 uF	6.3Vdc	X6S (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155D70E106ME18	10 uF	2.5Vdc	X7T (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155D70G106ME18	10 uF	4Vdc	X7T (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60E106ME16	10 uF	2.5Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60G106ME01	10 uF	4Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60G106ME15	10 uF	4Vdc	X5R (EIA)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60G106ME47	10 uF	4Vdc	X5R (EIA)	0402(1005M)	0.5	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60J106ME05	10 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60J106ME15	10 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60J106ME18	10 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60J106ME47	10 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.5	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61A106ME11	10 uF	10Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155R61A106ME18	10 uF	10Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80E156ME01	15 uF	2.5Vdc	X6S (EIA)	0402(1005M)	0.5	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80G156ME05	15 uF	4Vdc	X6S (EIA)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60G156ME01	15 uF	4Vdc	X5R (EIA)	0402(1005M)	0.5	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60G156ME15	15 uF	4Vdc	X5R (EIA)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60J156ME15	15 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60G186ME01	18 uF	4Vdc	X5R (EIA)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60J186ME01	18 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.65	±20%	General Purpose	100 Hz – 6 GHz
GRM155C80E226ME11	22 uF	2.5Vdc	X6S (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60G226ME11	22 uF	4Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM155R60J226ME11	22 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	General Purpose	100 Hz – 6 GHz
GRM158C80E226ME15	22 uF	2.5Vdc	X6S (EIA)	0402(1005M)	0.8	±20%	General Purpose	100 Hz – 6 GHz
GRM158C80G226ME01	22 uF	4Vdc	X6S (EIA)	0402(1005M)	0.8	±20%	General Purpose	100 Hz – 6 GHz
GRM158D70E226ME15	22 uF	2.5Vdc	X7T (EIA)	0402(1005M)	0.8	±20%	General Purpose	100 Hz – 6 GHz
GRM158R60J226ME01	22 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.8	±20%	General Purpose	100 Hz – 6 GHz
GRM158R61A226ME15	22 uF	10Vdc	X5R (EIA)	0402(1005M)	0.8	±20%	General Purpose	100 Hz – 6 GHz
GRM188B11H221KA01	220 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H221MA01	220 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R11H221KA01	220 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	500 kHz – 6 GHz
GRM188R11H221MA01	220 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±20%	General Purpose	500 kHz – 6 GHz
GRM188R71H221KA01	220 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71H221MA01	220 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R72A221KA01	220 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R72A221MA01	220 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188B11H331KA01	330 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H331MA01	330 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R11H331KA01	330 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71H331KA01	330 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R72A331KA01	330 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H471KA01	470 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H471MA01	470 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R11H471KA01	470 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R11H471MA01	470 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R71H471JA01	470 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±5%	General Purpose	100 Hz – 6 GHz
GRM188R71H471KA01	470 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71H471MA01	470 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 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)
GRM188R72A471KA01	470 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R72A471MA01	470 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188B11H681KA01	680 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H681MA01	680 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R11H681KA01	680 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71H681KA01	680 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R72A681KA01	680 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11E102KA01	1000 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H102KA01	1000 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H102MA01	1000 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R11E102KA01	1000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 kHz – 6 GHz
GRM188R11H102KA01	1000 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 kHz – 6 GHz
GRM188R11H102MA01	1000 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 kHz – 6 GHz
GRM188R61H102KA01	1000 pF	50Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71E102KA01	1000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71H102KA01	1000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71H102MA01	1000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R72A102KA01	1000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R72A102MA01	1000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 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
GRM188R71E152KA01	1500 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71H152KA01	1500 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R72A152KA01	1500 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71H182KA01	1800 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11E222KA01	2200 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11E222MA01	2200 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188B11H222KA01	2200 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H222MA01	2200 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R11E222KA01	2200 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R11E222MA01	2200 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R11H222KA01	2200 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R11H222MA01	2200 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R61H222KA01	2200 pF	50Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71E222KA01	2200 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71E222MA01	2200 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R71H222JA01	2200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±5%	General Purpose	100 Hz – 6 GHz
GRM188R71H222KA01	2200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71H222MA01	2200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R72A222KA01	2200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R72A222MA01	2200 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R71E272KA01	2700 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11E332KA01	3300 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H332KA01	3300 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H332MA01	3300 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R11E332KA01	3300 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R11H332KA01	3300 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71E332KA01	3300 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71H332KA01	3300 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R72A332KA01	3300 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71H392KA01	3900 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11E472KA01	4700 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11E472MA01	4700 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188B11H472KA01	4700 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H472MA01	4700 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R11E472KA01	4700 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R11E472MA01	4700 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R11H472KA01	4700 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R11H472MA01	4700 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R61H472KA01	4700 pF	50Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71E472KA01	4700 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
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
GRM188R71H562KA01	5600 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11E682KA01	6800 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H682KA01	6800 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H682MA01	6800 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R11E682KA01	6800 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R11H682KA01	6800 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71E682KA01	6800 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71H682KA01	6800 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71H822KA01	8200 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11E103KA01	10000 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11E103MA01	10000 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188B11H103KA01	10000 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H103MA01	10000 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R11E103KA01	10000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 kHz – 6 GHz
GRM188R11E103MA01	10000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 kHz – 6 GHz
GRM188R11H103KA01	10000 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 kHz – 6 GHz
GRM188R11H103MA01	10000 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 kHz – 6 GHz
GRM188R61H103KA01	10000 pF	50Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71E103KA01	10000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71E103MA01	10000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R71H103JA01	10000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±5%	General Purpose	100 Hz – 6 GHz
GRM188R71H103KA01	10000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71H103MA01	10000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R72A103KA01	10000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R72A103MA01	10000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R71H123JA01	12000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±5%	General Purpose	100 Hz – 6 GHz
GRM188R71H123KA01	12000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11E153KA01	15000 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11E153MA01	15000 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188B11H153KA01	15000 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H153MA01	15000 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R11E153KA01	15000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R11H153KA01	15000 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71E153KA01	15000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71H153JA01	15000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±5%	General Purpose	100 Hz – 6 GHz
GRM188R71H153KA01	15000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R72A153KAC4	15000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R72A153MAC4	15000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R71H183KA01	18000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11E223KA01	22000 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11E223MA01	22000 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 kHz – 6 GHz
GRM188B11H223KA01	22000 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188B11H223MA01	22000 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R11E223KA01	22000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 kHz – 6 GHz
GRM188R11E223MA01	22000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 kHz – 6 GHz
GRM188R11H223KA01	22000 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 kHz – 6 GHz
GRM188R11H223MA01	22000 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 kHz – 6 GHz
GRM188R61H223KA01	22000 pF	50Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71E223KA01	22000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 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)
GRM188R71E223MA01	22000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 kHz - 6 GHz
GRM188R71H223KA01	22000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71H223MA01	22000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R72A223JAC4	22000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±5%	General Purpose	100 Hz - 6 GHz
GRM188R72A223KAC4	22000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R72A223MAC4	22000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R71H273KA61	27000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B11E333KA01	33000 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B11E333MA01	33000 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188B11H333KA61	33000 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B11H333MA61	33000 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R11E333KA01	33000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 kHz - 6 GHz
GRM188R11H333KA61	33000 pF	50Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71E333KA01	33000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71H333KA61	33000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71H393KA61	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
GRM188R61C104KA01	100000 pF	16Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R61E104KA01	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
GRM188R71C104KA01	100000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71C104MA01	100000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R71E104KA01	100000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71E104MA01	100000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R71H104KA93	100000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71H104MA93	100000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R72A104KA35	100000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R72A104MA35	100000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188B11C154KA01	150000 pF	16Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B11E154KA01	150000 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B31H154KAC4	150000 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B31H154MAC4	150000 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R11C154KA01	150000 pF	16Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R11E154KA01	150000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71A154KA01	150000 pF	10Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71C154KA01	150000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71E154KA01	150000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71H154KAC4	150000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71H154MAC4	150000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188B11A224KA01	220000 pF	10Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 kHz - 6 GHz
GRM188B11C224KA01	220000 pF	16Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B11C224MA01	220000 pF	16Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188B31E224KA87	220000 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B31E224MA87	220000 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188B31H224KAC4	220000 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B31H224MAC4	220000 pF	50Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R11A224KA01	220000 pF	10Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 kHz - 6 GHz
GRM188R11C224KA01	220000 pF	16Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R11C224MA01	220000 pF	16Vdc	R (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R11E224KA88	220000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R11E224MA88	220000 pF	25Vdc	R (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R61A224KA01	220000 pF	10Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 kHz - 6 GHz
GRM188R61C224KA88	220000 pF	16Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R61E224KA88	220000 pF	25Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R61H224KAC4	220000 pF	50Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R70J224KA88	220000 pF	6.3Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71A224JA01	220000 pF	10Vdc	X7R (EIA)	0603(1608M)	0.9	±5%	General Purpose	100 kHz - 6 GHz
GRM188R71A224KA01	220000 pF	10Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 kHz - 6 GHz
GRM188R71C224KA01	220000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71C224MA01	220000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R71E224JA88	220000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±5%	General Purpose	100 Hz - 6 GHz
GRM188R71E224KA88	220000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71E224MA88	220000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R71H224KAC4	220000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71H224MAC4	220000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188B11A334KA61	330000 pF	10Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B11A334MA61	330000 pF	10Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188B11C334KA01	330000 pF	16Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B11C334MA01	330000 pF	16Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R11C334KA01	330000 pF	16Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R61A334KA61	330000 pF	10Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R61A334MA61	330000 pF	10Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R71A334KA61	330000 pF	10Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R71A334MA61	330000 pF	10Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R71C334KA01	330000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B10J474KA01	470000 pF	6.3Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B11A474KA61	470000 pF	10Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B31C474KA75	470000 pF	16Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B31C474KA87	470000 pF	16Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B31C474MA75	470000 pF	16Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188B31C474MA87	470000 pF	16Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188B31E474KA75	470000 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188B31E474MA75	470000 pF	25Vdc	B (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 GHz
GRM188R11C474KA88	470000 pF	16Vdc	R (JIS)	0603(1608M)	0.9	±10%	General Purpose	100 Hz - 6 GHz
GRM188R11C474MA88	470000 pF	16Vdc	R (JIS)	0603(1608M)	0.9	±20%	General Purpose	100 Hz - 6 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)
GRM188R60J474KA01	470000 pF	6.3Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R61A474KA61	470000 pF	10Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R61C474KA12	470000 pF	16Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R61C474KA93	470000 pF	16Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R61C474MA12	470000 pF	16Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R61C474MA93	470000 pF	16Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R61E474KA12	470000 pF	25Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R61E474MA12	470000 pF	25Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R61H474KA12	470000 pF	50Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R61H474MA12	470000 pF	50Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R70J474KA01	470000 pF	6.3Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71A474KA61	470000 pF	10Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R71A474MA61	470000 pF	10Vdc	X7R (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188R71C474KA88	470000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
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
GRM188R7YA474KE05	470000 pF	35Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188R7YA474ME05	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
GRM188B11A684MA61	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
GRM188R61A684MA61	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
GRM188R71A684MA61	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
GRM188C70J105KA01	1 uF	6.3Vdc	X7S (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188C70J105MA01	1 uF	6.3Vdc	X7S (EIA)	0603(1608M)	0.9	±20%	General Purpose	100 Hz – 6 GHz
GRM188C71A105KA12	1 uF	10Vdc	X7S (EIA)	0603(1608M)	0.9	±10%	General Purpose	100 Hz – 6 GHz
GRM188C71A105MA12	1 uF	10Vdc	X7S (EIA)	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
GRM188B30J225KE18	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

Part Number	Capacitance (Nominal)	Rated Voltage (V)	Temperature Characteristics	Size Code inch (mm)	T size (mm Max.)	Capacitance Tolerance	Type	Frequency Range (simulation model)
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
GRM188C8YA225ME11	2.2 uF	35Vdc	X6S (EIA)	0603(1608M)	1	±20%	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
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
GRM188B31C475KAAJ	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
GRM188R6YA475KE15	4.7 uF	35Vdc	X5R (EIA)	0603(1608M)	1	±10%	General Purpose	100 Hz – 6 GHz
GRM188R6YA475ME15	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
GRM188C81E106ME01	10 uF	25Vdc	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)	1	±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
GRM188R6YA106MA73	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
GRM186R60G226ME15	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
GRM188C60G226MEA0	22 uF	4Vdc	X5S (EIA)	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
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

Part Number	Capacitance (Nominal)	Rated Voltage (V)	Temperature Characteristics	Size Code inch (mm)	T size (mm Max.)	Capacitance Tolerance	Type	Frequency Range (simulation model)
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
GRM216R71H472KA01	4700 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	General Purpose	100 Hz – 6 GHz
GRM216R71H682KA01	6800 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	General Purpose	100 Hz – 6 GHz
GRM219R72A682KA01	6800 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM216R71H103KA01	10000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	General Purpose	100 Hz – 6 GHz
GRM219R71H103KA01	10000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219R71H103MA01	10000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM219R72A103KA01	10000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219R72A103MA01	10000 pF	100Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR72A103KA01	10000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR72A103MA01	10000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM216R71H123KA01	12000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.7	±10%	General Purpose	100 Hz – 6 GHz
GRM219R71H153KA01	15000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219R71H153MA01	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
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
GRM219R71H223KA17	22000 pF	50Vdc	X7R (EIA)	0805(2012M)	1	±10%	General Purpose	100 Hz – 6 GHz
GRM219R71H223MA17	22000 pF	50Vdc	X7R (EIA)	0805(2012M)	1	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR72A223KA01	22000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR72A223MA01	22000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM219B11H333KA01	33000 pF	50Vdc	B (JIS)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219R11H333KA01	33000 pF	50Vdc	R (JIS)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219R71H333KA01	33000 pF	50Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR72A333KA01	33000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BB11H473KA01	47000 pF	50Vdc	B (JIS)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BB11H473MA01	47000 pF	50Vdc	B (JIS)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR11H473KA01	47000 pF	50Vdc	R (JIS)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR11H473MA01	47000 pF	50Vdc	R (JIS)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR71H473KA01	47000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR71H473MA01	47000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR72A473JA01	47000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.35	±5%	General Purpose	100 Hz – 6 GHz
GRM21BR72A473KA01	47000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR72A473MA01	47000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM219R11E683KA01	68000 pF	25Vdc	R (JIS)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219R71E683KA01	68000 pF	25Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM21BB11H683KA01	68000 pF	50Vdc	B (JIS)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR11H683KA01	68000 pF	50Vdc	R (JIS)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR71H683KA01	68000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR72A683KAC4	68000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR72A683MAC4	68000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM219R71E104KA01	100000 pF	25Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219R71E104MA01	100000 pF	25Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM21BB11H104KA01	100000 pF	50Vdc	B (JIS)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BB11H104MA01	100000 pF	50Vdc	B (JIS)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR11E104KA01	100000 pF	25Vdc	R (JIS)	0805(2012M)	1.35	±10%	General Purpose	100 kHz – 6 GHz
GRM21BR11E104MA01	100000 pF	25Vdc	R (JIS)	0805(2012M)	1.35	±20%	General Purpose	100 kHz – 6 GHz
GRM21BR11H104KA01	100000 pF	50Vdc	R (JIS)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR11H104MA01	100000 pF	50Vdc	R (JIS)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR71E104JA01	100000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.35	±5%	General Purpose	100 Hz – 6 GHz
GRM21BR71E104KA01	100000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 kHz – 6 GHz
GRM21BR71E104MA01	100000 pF	25Vdc	X7R (EIA)	0805(2012M)	1.35	±20%	General Purpose	100 kHz – 6 GHz
GRM21BR71H104KA01	100000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR71H104MA01	100000 pF	50Vdc	X7R (EIA)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR72A104KAC4	100000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR72A104MAC4	100000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM21BB11E154KA01	150000 pF	25Vdc	B (JIS)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BB31H154KA88	150000 pF	50Vdc	B (JIS)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BB31H154MA88	150000 pF	50Vdc	B (JIS)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR11E154KA01	150000 pF	25Vdc	R (JIS)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
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
GRM21BR71C474MA01	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

Part Number	Capacitance (Nominal)	Rated Voltage (V)	Temperature Characteristics	Size Code inch (mm)	T size (mm Max.)	Capacitance Tolerance	Type	Frequency Range (simulation model)
GRM219R71E684KA88	680000 pF	25Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM21BB31H684KAC4	680000 pF	50Vdc	B (JIS)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BB31H684MAC4	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
GRM219R71E105MA88	1 uF	25Vdc	X7R (EIA)	0805(2012M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM219R7YA105KA12	1 uF	35Vdc	X7R (EIA)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219R7YA105MA12	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
GRM21BR61C105MA01	1 uF	16Vdc	X5R (EIA)	0805(2012M)	1.35	±20%	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
GRM21BR71A105MA01	1 uF	10Vdc	X7R (EIA)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR71C105KA01	1 uF	16Vdc	X7R (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR71C105MA01	1 uF	16Vdc	X7R (EIA)	0805(2012M)	1.35	±20%	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
GRM219R61C225MA88	2.2 uF	16Vdc	X5R (EIA)	0805(2012M)	0.95	±20%	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
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
GRM219R71C225ME15	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	±10%	General Purpose	100 Hz – 6 GHz
GRM21BB31E225MA75	2.2 uF	25Vdc	B (JIS)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM21BB31H225KA73	2.2 uF	50Vdc	B (JIS)	0805(2012M)	1.4	±10%	General Purpose	100 Hz – 6 GHz
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
GRM21BR61H225MA73	2.2 uF	50Vdc	X5R (EIA)	0805(2012M)	1.4	±20%	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
GRM21BR70J225MA01	2.2 uF	6.3Vdc	X7R (EIA)	0805(2012M)	1.35	±20%	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(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219R61E475KA73	4.7 uF	25Vdc	X5R (EIA)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219R61E475MA73	4.7 uF	25Vdc	X5R (EIA)	0805(2012M)	0.95	±20%	General Purpose	100 Hz – 6 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)
GRM219R6YA475KA73	4.7 uF	35Vdc	X5R (EIA)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219R6YA475MA73	4.7 uF	35Vdc	X5R (EIA)	0805(2012M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM21BB10J475KA11	4.7 uF	6.3Vdc	B (JIS)	0805(2012M)	1.4	±10%	General Purpose	100 Hz – 6 GHz
GRM21BB10J475MA11	4.7 uF	6.3Vdc	B (JIS)	0805(2012M)	1.4	±20%	General Purpose	100 Hz – 6 GHz
GRM21BB31A475KA74	4.7 uF	10Vdc	B (JIS)	0805(2012M)	1.4	±10%	General Purpose	100 Hz – 6 GHz
GRM21BB31A475MA74	4.7 uF	10Vdc	B (JIS)	0805(2012M)	1.4	±20%	General Purpose	100 Hz – 6 GHz
GRM21BB31C475KA87	4.7 uF	16Vdc	B (JIS)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BB31E475KA75	4.7 uF	25Vdc	B (JIS)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BB31E475MA75	4.7 uF	25Vdc	B (JIS)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM21BB31H475KE51	4.7 uF	50Vdc	B (JIS)	0805(2012M)	1.4	±10%	General Purpose	100 Hz – 6 GHz
GRM21BB31H475ME51	4.7 uF	50Vdc	B (JIS)	0805(2012M)	1.4	±20%	General Purpose	100 Hz – 6 GHz
GRM21BC71E475KE11	4.7 uF	25Vdc	X7S (EIA)	0805(2012M)	1.45	±10%	General Purpose	100 Hz – 6 GHz
GRM21BC71E475ME11	4.7 uF	25Vdc	X7S (EIA)	0805(2012M)	1.45	±20%	General Purpose	100 Hz – 6 GHz
GRM21BC71H475KE11	4.7 uF	50Vdc	X7S (EIA)	0805(2012M)	1.45	±10%	General Purpose	100 Hz – 6 GHz
GRM21BC71H475ME11	4.7 uF	50Vdc	X7S (EIA)	0805(2012M)	1.45	±20%	General Purpose	100 Hz – 6 GHz
GRM21BC7YA475KE11	4.7 uF	35Vdc	X7S (EIA)	0805(2012M)	1.45	±10%	General Purpose	100 Hz – 6 GHz
GRM21BC7YA475ME11	4.7 uF	35Vdc	X7S (EIA)	0805(2012M)	1.45	±20%	General Purpose	100 Hz – 6 GHz
GRM21BC81C475KA88	4.7 uF	16Vdc	X6S (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BC81E475KA12	4.7 uF	25Vdc	X6S (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BC81E475MA12	4.7 uF	25Vdc	X6S (EIA)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM21BC81H475KE11	4.7 uF	50Vdc	X6S (EIA)	0805(2012M)	1.45	±10%	General Purpose	100 Hz – 6 GHz
GRM21BC81H475ME11	4.7 uF	50Vdc	X6S (EIA)	0805(2012M)	1.45	±20%	General Purpose	100 Hz – 6 GHz
GRM21BC8YA475KE51	4.7 uF	35Vdc	X6S (EIA)	0805(2012M)	1.4	±10%	General Purpose	100 Hz – 6 GHz
GRM21BC8YA475ME51	4.7 uF	35Vdc	X6S (EIA)	0805(2012M)	1.4	±20%	General Purpose	100 Hz – 6 GHz
GRM21BD71C475KA12	4.7 uF	16Vdc	X7T (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BD71C475MA12	4.7 uF	16Vdc	X7T (EIA)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM21BE71C475KA12	4.7 uF	16Vdc	X7U (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BE71C475MA12	4.7 uF	16Vdc	X7U (EIA)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR60J475KA11	4.7 uF	6.3Vdc	X5R (EIA)	0805(2012M)	1.4	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR60J475MA11	4.7 uF	6.3Vdc	X5R (EIA)	0805(2012M)	1.4	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR61A475KA73	4.7 uF	10Vdc	X5R (EIA)	0805(2012M)	1.4	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR61A475MA73	4.7 uF	10Vdc	X5R (EIA)	0805(2012M)	1.4	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR61C475KA88	4.7 uF	16Vdc	X5R (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR61E475KA12	4.7 uF	25Vdc	X5R (EIA)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR61E475MA12	4.7 uF	25Vdc	X5R (EIA)	0805(2012M)	1.35	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR61H475KE51	4.7 uF	50Vdc	X5R (EIA)	0805(2012M)	1.4	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR61H475ME51	4.7 uF	50Vdc	X5R (EIA)	0805(2012M)	1.4	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR71A475KA73	4.7 uF	10Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR71A475KE51	4.7 uF	10Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR71A475MA73	4.7 uF	10Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR71A475ME51	4.7 uF	10Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR71C475KA73	4.7 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR71C475KE51	4.7 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR71C475MA73	4.7 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR71C475ME51	4.7 uF	16Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	General Purpose	100 Hz – 6 GHz
GRM21BR71E475KA73	4.7 uF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	General Purpose	100 Hz – 6 GHz
GRM21BR71E475MA73	4.7 uF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±20%	General Purpose	100 Hz – 6 GHz
GRM21BZ71E475KE15	4.7 uF	25Vdc	X7R (MURATA)	0805(2012M)	1.45	±10%	General Purpose	100 Hz – 6 GHz
GRM21BZ71E475ME15	4.7 uF	25Vdc	X7R (MURATA)	0805(2012M)	1.45	±20%	General Purpose	100 Hz – 6 GHz
GRM21BZ71H475KE15	4.7 uF	50Vdc	X7R (MURATA)	0805(2012M)	1.45	±10%	General Purpose	100 Hz – 6 GHz
GRM21BZ71H475ME15	4.7 uF	50Vdc	X7R (MURATA)	0805(2012M)	1.45	±20%	General Purpose	100 Hz – 6 GHz
GRM21BZ7YA475KE15	4.7 uF	35Vdc	X7R (MURATA)	0805(2012M)	1.45	±10%	General Purpose	100 Hz – 6 GHz
GRM21BZ7YA475ME15	4.7 uF	35Vdc	X7R (MURATA)	0805(2012M)	1.45	±20%	General Purpose	100 Hz – 6 GHz
GRM219B30J106KE18	10 uF	6.3Vdc	B (JIS)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219B30J106ME18	10 uF	6.3Vdc	B (JIS)	0805(2012M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM219B31C106KA73	10 uF	16Vdc	B (JIS)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219B31C106MA73	10 uF	16Vdc	B (JIS)	0805(2012M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM219B31E106KA12	10 uF	25Vdc	B (JIS)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219B31E106MA12	10 uF	25Vdc	B (JIS)	0805(2012M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM219C80G106KE19	10 uF	4Vdc	X6S (EIA)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219C80G106ME19	10 uF	4Vdc	X6S (EIA)	0805(2012M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM219R60J106KE19	10 uF	6.3Vdc	X5R (EIA)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219R60J106ME19	10 uF	6.3Vdc	X5R (EIA)	0805(2012M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM219R61A106ME47	10 uF	10Vdc	X5R (EIA)	0805(2012M)	1	±20%	General Purpose	100 Hz – 6 GHz
GRM219R61C106KA73	10 uF	16Vdc	X5R (EIA)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219R61C106MA73	10 uF	16Vdc	X5R (EIA)	0805(2012M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM219R61E106KA12	10 uF	25Vdc	X5R (EIA)	0805(2012M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM219R61E106MA12	10 uF	25Vdc	X5R (EIA)	0805(2012M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM21BB30J106KE18	10 uF	6.3Vdc	B (JIS)	0805(2012M)	1.35	±10%	General Purpose	100 Hz – 6 GHz
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

Part Number	Capacitance (Nominal)	Rated Voltage (V)	Temperature Characteristics	Size Code inch (mm)	T size (mm Max.)	Capacitance Tolerance	Type	Frequency Range (simulation model)
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
GRM21BC81E226ME44	22 uF	25Vdc	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
GRM21BC80G476ME18	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
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
GRM21BD70E107ME01	100 uF	2.5Vdc	X7T (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
GRM319R72A222KA01	2200 pF	100Vdc	X7R (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM319R71H153KA01	15000 pF	50Vdc	X7R (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM319R72A153KA01	15000 pF	100Vdc	X7R (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM319R71H223KA01	22000 pF	50Vdc	X7R (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM31MR72A223KA01	22000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM31MR72A223MA01	22000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.25	±20%	General Purpose	100 Hz – 6 GHz
GRM31MR72A333KA01	33000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM31MR72A473KA01	47000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM31MR72A473MA01	47000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.25	±20%	General Purpose	100 Hz – 6 GHz
GRM319R71H683KA01	68000 pF	50Vdc	X7R (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM31MR72A683KA01	68000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM319R71H104JA01	100000 pF	50Vdc	X7R (EIA)	1206(3216M)	0.95	±5%	General Purpose	100 Hz – 6 GHz
GRM319R72A104KA01	100000 pF	100Vdc	X7R (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM31MB11H154KA01	150000 pF	50Vdc	B (JIS)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM31MR11H154KA01	150000 pF	50Vdc	R (JIS)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM31MR71H154KA01	150000 pF	50Vdc	X7R (EIA)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM31MR72A154KA01	150000 pF	100Vdc	X7R (EIA)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 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
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
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
GRM319B11C105KAA3	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
GRM319R11C105KAA3	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
GRM319R61C105KAA3	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
GRM319R71C105KAA3	1 uF	16Vdc	X7R (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR71H105KA61	1 uF	50Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR71H105MA61	1 uF	50Vdc	X7R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR72A105KA01	1 uF	100Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR72A105MA01	1 uF	100Vdc	X7R (EIA)	1206(3216M)	1.8	±20%	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

Part Number	Capacitance (Nominal)	Rated Voltage (V)	Temperature Characteristics	Size Code inch (mm)	T size (mm Max.)	Capacitance Tolerance	Type	Frequency Range (simulation model)
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
GRM31MR71E225MA93	2.2 uF	25Vdc	X7R (EIA)	1206(3216M)	1.3	±20%	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	50Vdc	B (JIS)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CC72A475KE11	4.7 uF	100Vdc	X7S (EIA)	1206(3216M)	1.9	±10%	General Purpose	100 Hz – 6 GHz
GRM31CC72A475ME11	4.7 uF	100Vdc	X7S (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR11C475KA01	4.7 uF	16Vdc	R (JIS)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR11C475MA01	4.7 uF	16Vdc	R (JIS)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR60J475KA01	4.7 uF	6.3Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR61A475KA01	4.7 uF	10Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR61C475KA01	4.7 uF	16Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR61C475MA01	4.7 uF	16Vdc	X5R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR61E475KA88	4.7 uF	25Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR61H475KA12	4.7 uF	50Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR71A475KA01	4.7 uF	10Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR71C475KA01	4.7 uF	16Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR71C475MA01	4.7 uF	16Vdc	X7R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR71E475KA88	4.7 uF	25Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR71H475KA12	4.7 uF	50Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR71H475MA12	4.7 uF	50Vdc	X7R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CZ72A475KE11	4.7 uF	100Vdc	X7R (MURATA)	1206(3216M)	1.9	±10%	General Purpose	100 Hz – 6 GHz
GRM31CZ72A475ME11	4.7 uF	100Vdc	X7R (MURATA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31MC81C685KA12	6.8 uF	16Vdc	X6S (EIA)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM31MC81C685MA12	6.8 uF	16Vdc	X6S (EIA)	1206(3216M)	1.25	±20%	General Purpose	100 Hz – 6 GHz
GRM319B30J106KE18	10 uF	6.3Vdc	B (JIS)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM319B31A106KE18	10 uF	10Vdc	B (JIS)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM319B31A106ME18	10 uF	10Vdc	B (JIS)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM319B31C106KE15	10 uF	16Vdc	B (JIS)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM319B31C106ME15	10 uF	16Vdc	B (JIS)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM319C80J106KE19	10 uF	6.3Vdc	X6S (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM319C80J106ME19	10 uF	6.3Vdc	X6S (EIA)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM319C81A106KA12	10 uF	10Vdc	X6S (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM319C81A106MA12	10 uF	10Vdc	X6S (EIA)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM319C81C106KA12	10 uF	16Vdc	X6S (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM319C81C106MA12	10 uF	16Vdc	X6S (EIA)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM319R60J106KE19	10 uF	6.3Vdc	X5R (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM319R61A106KE19	10 uF	10Vdc	X5R (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM319R61A106ME19	10 uF	10Vdc	X5R (EIA)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM319R61C106KE15	10 uF	16Vdc	X5R (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM319R61C106ME15	10 uF	16Vdc	X5R (EIA)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM319R61E106KA12	10 uF	25Vdc	X5R (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM319R61E106MA12	10 uF	25Vdc	X5R (EIA)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM319R6YA106KA12	10 uF	35Vdc	X5R (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM319R6YA106MA12	10 uF	35Vdc	X5R (EIA)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM31CB31C106KA88	10 uF	16Vdc	B (JIS)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CB31E106KA75	10 uF	25Vdc	B (JIS)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CB31E106MA75	10 uF	25Vdc	B (JIS)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CB31H106KA12	10 uF	50Vdc	B (JIS)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CB31H106MA12	10 uF	50Vdc	B (JIS)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CB3YA106KA12	10 uF	35Vdc	B (JIS)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CB3YA106MA12	10 uF	35Vdc	B (JIS)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CC81C106KA12	10 uF	16Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CC81C106KE19	10 uF	16Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CC81C106MA12	10 uF	16Vdc	X6S (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CC81E106KA12	10 uF	25Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 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)
GRM31CC81E106KE15	10 uF	25Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CC81E106MA12	10 uF	25Vdc	X6S (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CC8YA106KA12	10 uF	35Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CC8YA106MA12	10 uF	35Vdc	X6S (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CD71H106KE11	10 uF	50Vdc	X7T (EIA)	1206(3216M)	1.9	±10%	General Purpose	100 Hz – 6 GHz
GRM31CD7YA106KE11	10 uF	35Vdc	X7T (EIA)	1206(3216M)	1.9	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR11A106KA01	10 uF	10Vdc	R (JIS)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR11A106MA01	10 uF	10Vdc	R (JIS)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR60J106KA01	10 uF	6.3Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR60J106MC01	10 uF	6.3Vdc	X5R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR61A106KA01	10 uF	10Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR61C106KA88	10 uF	16Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR61C106KC31	10 uF	16Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR61E106KA12	10 uF	25Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR61E106MA12	10 uF	25Vdc	X5R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR61H106KA12	10 uF	50Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR61H106MA12	10 uF	50Vdc	X5R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR6YA106KA12	10 uF	35Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR6YA106MA12	10 uF	35Vdc	X5R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR70J106KA01	10 uF	6.3Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR71A106KA01	10 uF	10Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR71A106MA01	10 uF	10Vdc	X7R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR71C106KA12	10 uF	16Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR71C106KAC7	10 uF	16Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR71C106MA12	10 uF	16Vdc	X7R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR71C106MAC7	10 uF	16Vdc	X7R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR71E106KA12	10 uF	25Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR71E106MA12	10 uF	25Vdc	X7R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31MB30J106KE18	10 uF	6.3Vdc	B (JIS)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM31MB31A106KE18	10 uF	10Vdc	B (JIS)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM31MB31A106ME18	10 uF	10Vdc	B (JIS)	1206(3216M)	1.25	±20%	General Purpose	100 Hz – 6 GHz
GRM31MC81A106KE19	10 uF	10Vdc	X6S (EIA)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM31MC81A106ME19	10 uF	10Vdc	X6S (EIA)	1206(3216M)	1.25	±20%	General Purpose	100 Hz – 6 GHz
GRM31MC81C106KA12	10 uF	16Vdc	X6S (EIA)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM31MC81E106KA12	10 uF	25Vdc	X6S (EIA)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM31MC81E106MA12	10 uF	25Vdc	X6S (EIA)	1206(3216M)	1.25	±20%	General Purpose	100 Hz – 6 GHz
GRM31MR61A106KE19	10 uF	10Vdc	X5R (EIA)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM31MR61C106KA12	10 uF	16Vdc	X5R (EIA)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM31MR61E106KA12	10 uF	25Vdc	X5R (EIA)	1206(3216M)	1.25	±10%	General Purpose	100 Hz – 6 GHz
GRM31MR61E106MA12	10 uF	25Vdc	X5R (EIA)	1206(3216M)	1.25	±20%	General Purpose	100 Hz – 6 GHz
GRM319B30J226ME15	22 uF	6.3Vdc	B (JIS)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM319B31A226ME15	22 uF	10Vdc	B (JIS)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM319B31C226ME15	22 uF	16Vdc	B (JIS)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM319C80J226ME15	22 uF	6.3Vdc	X6S (EIA)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM319R60J226ME15	22 uF	6.3Vdc	X5R (EIA)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM319R61A226ME15	22 uF	10Vdc	X5R (EIA)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM319R61C226KE15	22 uF	16Vdc	X5R (EIA)	1206(3216M)	0.95	±10%	General Purpose	100 Hz – 6 GHz
GRM319R61C226ME15	22 uF	16Vdc	X5R (EIA)	1206(3216M)	0.95	±20%	General Purpose	100 Hz – 6 GHz
GRM31CB30J226KE18	22 uF	6.3Vdc	B (JIS)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CB30J226ME18	22 uF	6.3Vdc	B (JIS)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CB31A226KE19	22 uF	10Vdc	B (JIS)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CB31A226ME19	22 uF	10Vdc	B (JIS)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CB31C226KE15	22 uF	16Vdc	B (JIS)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CB31C226ME15	22 uF	16Vdc	B (JIS)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CB31E226KE15	22 uF	25Vdc	B (JIS)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CB31E226ME15	22 uF	25Vdc	B (JIS)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CC71C226ME11	22 uF	16Vdc	X7S (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CC71E226ME15	22 uF	25Vdc	X7S (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CC80G226KE19	22 uF	4Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CC80G226ME19	22 uF	4Vdc	X6S (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CC80J226KE19	22 uF	6.3Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CC80J226ME19	22 uF	6.3Vdc	X6S (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CC81A226KE19	22 uF	10Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CC81A226ME19	22 uF	10Vdc	X6S (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CC81C226KE15	22 uF	16Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CC81C226ME15	22 uF	16Vdc	X6S (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CC81E226KE11	22 uF	25Vdc	X6S (EIA)	1206(3216M)	1.9	±10%	General Purpose	100 Hz – 6 GHz
GRM31CC81E226ME11	22 uF	25Vdc	X6S (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CD70J226KE19	22 uF	6.3Vdc	X7T (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CD70J226ME19	22 uF	6.3Vdc	X7T (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CD71A226KE15	22 uF	10Vdc	X7T (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CD71A226ME15	22 uF	10Vdc	X7T (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR60J226KE19	22 uF	6.3Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR60J226ME19	22 uF	6.3Vdc	X5R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR61A226KE19	22 uF	10Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR61A226ME19	22 uF	10Vdc	X5R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR61C226KE15	22 uF	16Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR61C226ME15	22 uF	16Vdc	X5R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR61E226KE15	22 uF	25Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR61E226ME15	22 uF	25Vdc	X5R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR70J226KE19	22 uF	6.3Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR70J226ME19	22 uF	6.3Vdc	X7R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR71A226KE15	22 uF	10Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR71A226ME15	22 uF	10Vdc	X7R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CZ71C226ME15	22 uF	16Vdc	X7R (MURATA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CB30J476KE18	47 uF	6.3Vdc	B (JIS)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CB30J476ME18	47 uF	6.3Vdc	B (JIS)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CB31A476KE15	47 uF	10Vdc	B (JIS)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CB31A476ME15	47 uF	10Vdc	B (JIS)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CC81A476ME44	47 uF	10Vdc	X6S (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CD80G476ME19	47 uF	4Vdc	X6T (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CE70G476ME15	47 uF	4Vdc	X7U (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CE70J476ME15	47 uF	6.3Vdc	X7U (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR60J476KE19	47 uF	6.3Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR60J476ME19	47 uF	6.3Vdc	X5R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR61A476KE15	47 uF	10Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR61A476ME15	47 uF	10Vdc	X5R (EIA)	1206(3216M)	1.8	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR61C476ME44	47 uF	16Vdc	X5R (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CD80G107MEA8	100 uF	4Vdc	X6T (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CD80J107MEA8	100 uF	6.3Vdc	X6T (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR60G107MEA8	100 uF	4Vdc	X5R (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR60J107KEA8	100 uF	6.3Vdc	X5R (EIA)	1206(3216M)	1.9	±10%	General Purpose	100 Hz – 6 GHz
GRM31CR60J107MEA8	100 uF	6.3Vdc	X5R (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR61A107MEA8	100 uF	10Vdc	X5R (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CC80E227ME11	220 uF	2.5Vdc	X6S (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CC80G227ME11	220 uF	4Vdc	X6S (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR60E227ME11	220 uF	2.5Vdc	X5R (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR60G227ME11	220 uF	4Vdc	X5R (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 GHz
GRM31CR60J227ME11	220 uF	6.3Vdc	X5R (EIA)	1206(3216M)	1.9	±20%	General Purpose	100 Hz – 6 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

Part Number	Capacitance (Nominal)	Rated Voltage (V)	Temperature Characteristics	Size Code inch (mm)	T size (mm Max.)	Capacitance Tolerance	Type	Frequency Range (simulation model)
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
GRM32DL8EL475KE07	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
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
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
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

Part Number	Capacitance (Nominal)	Rated Voltage (V)	Temperature Characteristics	Size Code inch (mm)	T size (mm Max.)	Capacitance Tolerance	Type	Frequency Range (simulation model)
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
GRM43ER11H225KA01	2.2 uF	50Vdc	R (JIS)	1812(4532M)	2.7	±10%	General Purpose	100 Hz – 6 GHz
GRM43ER71H225KA01	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
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	100 Hz – 6 GHz
GRM55EB11H475KA01	4.7 uF	50Vdc	B (JIS)	2220(5750M)	2.7	±10%	General Purpose	100 Hz – 6 GHz
GRM55ER11H475KA01	4.7 uF	50Vdc	R (JIS)	2220(5750M)	2.7	±10%	General Purpose	100 Hz – 6 GHz
GRM55ER61H475KA01	4.7 uF	50Vdc	X5R (EIA)	2220(5750M)	2.7	±10%	General Purpose	100 Hz – 6 GHz
GRM55ER71H475KA01	4.7 uF	50Vdc	X7R (EIA)	2220(5750M)	2.7	±10%	General Purpose	100 Hz – 6 GHz
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
GRMMDXR60J105ME05	1 uF	6.3Vdc	X5R (EIA)	015008(05025M)	0.275	±20%	Ultra-small	100 Hz – 6 GHz
GRT033R61E101KE01	100 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C81E151KE01	150 pF	25Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61E151KE01	150 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R71E151KE01	150 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61E221KE01	220 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61E331KE01	330 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C81E471KE01	470 pF	25Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61E471KE01	470 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R71E471KE01	470 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61E681KE01	680 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C81E102KE01	1000 pF	25Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61E102KE01	1000 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R71E102KE01	1000 pF	25Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61A152KE01	1500 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80J222KE01	2200 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61A222KE01	2200 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R70J222KE01	2200 pF	6.3Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80J332KE01	3300 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61A332KE01	3300 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R70J332KE01	3300 pF	6.3Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80J472KE01	4700 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61A472KE01	4700 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61E472KE01	4700 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R70J472KE01	4700 pF	6.3Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80J682KE01	6800 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61A682KE01	6800 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61E682KE01	6800 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R70J682KE01	6800 pF	6.3Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80J103KE01	10000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R60J103KE01	10000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61A103KE01	10000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61C103KE01	10000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61E103KE01	10000 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R70J103KE01	10000 pF	6.3Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R71A103KE01	10000 pF	10Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R71C103KE01	10000 pF	16Vdc	X7R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80J153KE01	15000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R60J153KE01	15000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61A153KE01	15000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61C153KE01	15000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80J223KE01	22000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R60J223KE01	22000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61A223KE01	22000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61C223KE01	22000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80J333KE01	33000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R60J333KE01	33000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61A333KE01	33000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61C333KE01	33000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80J473KE01	47000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R60J473KE01	47000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61A473KE01	47000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61C473KE01	47000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80G683KE01	68000 pF	4Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80J683KE01	68000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R60J683KE01	68000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61A683KE01	68000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61C683KE01	68000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R60J823KE01	82000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C70J104KE01	100000 pF	6.3Vdc	X7S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C71A104KE01	100000 pF	10Vdc	X7S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C71C104KE01	100000 pF	16Vdc	X7S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80G104KE01	100000 pF	4Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80J104KE01	100000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C81A104KE01	100000 pF	10Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C81C104KE01	100000 pF	16Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C81E104KE01	100000 pF	25Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R60J104KE01	100000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61A104KE01	100000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61C104KE01	100000 pF	16Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61E104KE01	100000 pF	25Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R6YA104KE01	100000 pF	35Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80G224ME01	220000 pF	4Vdc	X6S (EIA)	0201(0603M)	0.33	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80J224KE01	220000 pF	6.3Vdc	X6S (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R60J224KE01	220000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R61A224KE01	220000 pF	10Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R60J334ME01	330000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R60J474KE01	470000 pF	6.3Vdc	X5R (EIA)	0201(0603M)	0.33	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C80J105ME13	1 uF	6.3Vdc	X6S (EIA)	0201(0603M)	0.39	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033C81A105ME13	1 uF	10Vdc	X6S (EIA)	0201(0603M)	0.39	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033D70E105ME18	1 uF	2.5Vdc	X7T (EIA)	0201(0603M)	0.39	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033D70G105ME13	1 uF	4Vdc	X7T (EIA)	0201(0603M)	0.39	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 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)
GRT033D70J105ME13	1 uF	6.3Vdc	X7T (EIA)	0201(0603M)	0.39	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R60G105ME13	1 uF	4Vdc	X5R (EIA)	0201(0603M)	0.35	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT033R60J105ME13	1 uF	6.3Vdc	X5R (EIA)	0201(0603M)	0.35	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H221KE01	220 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H271KE01	270 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H331KE01	330 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H471KE01	470 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H681KE01	680 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H821KE01	820 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H102KE01	1000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H152KE01	1500 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H222KE01	2200 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H272KE01	2700 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H332KE01	3300 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H472KE01	4700 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71E562KE01	5600 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H682KE01	6800 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71C103KE01	10000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71E103KE01	10000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H103KE01	10000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 kHz – 6 GHz
GRT155R71H153KE01	15000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R70J223KE01	22000 pF	6.3Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71C223KE01	22000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71E223KE01	22000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H223KE01	22000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71C333KE01	33000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71E333KE01	33000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H333KE01	33000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H393KE01	39000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71C473KE01	47000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71E473KE01	47000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H473KE01	47000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H563KE01	56000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71C683KE01	68000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H683KE01	68000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H823KE01	82000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71C104KE01	100000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71E104KE01	100000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71H104KE01	100000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT152C80G224KE13	220000 pF	4Vdc	X6S (EIA)	0402(1005M)	0.22	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT152C80J224KE13	220000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.22	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT152R60J224KE13	220000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.22	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C80J224KE01	220000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C81E224KE01	220000 pF	25Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C8YA224KE01	220000 pF	35Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R60J224KE01	220000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61A224KE01	220000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61C224KE01	220000 pF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61E224KE01	220000 pF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R6YA224KE01	220000 pF	35Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71A224KE01	220000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71C224KE01	220000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C80J334KE01	330000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R60J334KE01	330000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61A334KE01	330000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C80J474KE01	470000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C81C474KE01	470000 pF	16Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R60J474KE01	470000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61A474KE01	470000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61C474KE01	470000 pF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61E474KE01	470000 pF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R6YA474KE01	470000 pF	35Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R71A474KE01	470000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C80J684KE01	680000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R60J684KE01	680000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61A684KE01	680000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT153R60J105ME13	1 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.33	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT153R61A105ME13	1 uF	10Vdc	X5R (EIA)	0402(1005M)	0.33	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C71A105KE13	1 uF	10Vdc	X7S (EIA)	0402(1005M)	0.6	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C80J105KE01	1 uF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C81A105KE01	1 uF	10Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C81C105KE13	1 uF	16Vdc	X6S (EIA)	0402(1005M)	0.6	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C81E105KE13	1 uF	25Vdc	X6S (EIA)	0402(1005M)	0.6	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R60J105KE01	1 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61A105KE01	1 uF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61C105KE01	1 uF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61E105KE01	1 uF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R6YA105KE13	1 uF	35Vdc	X5R (EIA)	0402(1005M)	0.6	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R70G105KE01	1 uF	4Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R70J105KE01	1 uF	6.3Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT153R60J225ME13	2.2 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.33	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C70J225KE13	2.2 uF	6.3Vdc	X7S (EIA)	0402(1005M)	0.7	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C71A225KE13	2.2 uF	10Vdc	X7S (EIA)	0402(1005M)	0.7	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C80G225KE13	2.2 uF	4Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C80J225KE01	2.2 uF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C81A225KE13	2.2 uF	10Vdc	X6S (EIA)	0402(1005M)	0.7	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C81C225KE13	2.2 uF	16Vdc	X6S (EIA)	0402(1005M)	0.7	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R60J225KE01	2.2 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61A225KE01	2.2 uF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61C225KE13	2.2 uF	16Vdc	X5R (EIA)	0402(1005M)	0.7	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61E225KE13	2.2 uF	25Vdc	X5R (EIA)	0402(1005M)	0.7	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C80G475ME13	4.7 uF	4Vdc	X6S (EIA)	0402(1005M)	0.65	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C80J475ME13	4.7 uF	6.3Vdc	X6S (EIA)	0402(1005M)	0.65	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C81A475ME13	4.7 uF	10Vdc	X6S (EIA)	0402(1005M)	0.7	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155D70J475ME13	4.7 uF	6.3Vdc	X7T (EIA)	0402(1005M)	0.7	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R60G475ME13	4.7 uF	4Vdc	X5R (EIA)	0402(1005M)	0.6	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R60J475ME13	4.7 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.6	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61A475ME13	4.7 uF	10Vdc	X5R (EIA)	0402(1005M)	0.65	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C80E106ME13	10 uF	2.5Vdc	X6S (EIA)	0402(1005M)	0.7	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C80G106ME13	10 uF	4Vdc	X6S (EIA)	0402(1005M)	0.7	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155C80J106ME13	10 uF	6.3Vdc	X6S (EIA)	0402(1005M)	0.7	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155D70G106ME13	10 uF	4Vdc	X7T (EIA)	0402(1005M)	0.7	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R60J106ME13	10 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT155R61A106ME13	10 uF	10Vdc	X5R (EIA)	0402(1005M)	0.7	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT188R72A332KE01	3300 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT188R72A103KE01	10000 pF	100Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT188R71H473KE01	47000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT188R71H104KE13	100000 pF	50Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT188R71E154KE01	150000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT188R71E224KE01	220000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT188R71C334KE01	330000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT188R71C474KE01	470000 pF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT188R71E474KE13	470000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT188C80G105ME01	1 uF	4Vdc	X6S (EIA)	0603(1608M)	0.9	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT188C81A105KE13	1 uF	10Vdc	X6S (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT188C81C105KE13	1 uF	16Vdc	X6S (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 GHz
GRT188C81E105KE13	1 uF	25Vdc	X6S (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz – 6 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)
GRT188C8YA105KE13	1 uF	35Vdc	X6S (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R60J105KE01	1 uF	6.3Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R60J105ME01	1 uF	6.3Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R61A105KE01	1 uF	10Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R61A105ME01	1 uF	10Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R61C105KE13	1 uF	16Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R61E105KE13	1 uF	25Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R61H105KE13	1 uF	50Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R6YA105KE13	1 uF	35Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R71C105KE13	1 uF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R71E105KE13	1 uF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C71C225KE13	2.2 uF	16Vdc	X7S (EIA)	0603(1608M)	1	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C71E225KE13	2.2 uF	25Vdc	X7S (EIA)	0603(1608M)	1	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C81C225KE13	2.2 uF	16Vdc	X6S (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C81E225KE13	2.2 uF	25Vdc	X6S (EIA)	0603(1608M)	1	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C8YA225KE13	2.2 uF	35Vdc	X6S (EIA)	0603(1608M)	1	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R60J225KE13	2.2 uF	6.3Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R61A225KE13	2.2 uF	10Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R61E225KE13	2.2 uF	25Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R61H225KE13	2.2 uF	50Vdc	X5R (EIA)	0603(1608M)	1	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R6YA225KE13	2.2 uF	35Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R70J225KE13	2.2 uF	6.3Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C71C475KE13	4.7 uF	16Vdc	X7S (EIA)	0603(1608M)	1	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C80G475KE01	4.7 uF	4Vdc	X6S (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C80J475KE01	4.7 uF	6.3Vdc	X6S (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C80J475ME01	4.7 uF	6.3Vdc	X6S (EIA)	0603(1608M)	0.9	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C81C475KE13	4.7 uF	16Vdc	X6S (EIA)	0603(1608M)	0.95	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C81E475KE13	4.7 uF	25Vdc	X6S (EIA)	0603(1608M)	1	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R60J475KE01	4.7 uF	6.3Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R61C475KE13	4.7 uF	16Vdc	X5R (EIA)	0603(1608M)	0.95	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R61E475KE13	4.7 uF	25Vdc	X5R (EIA)	0603(1608M)	0.95	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R6YA475KE13	4.7 uF	35Vdc	X5R (EIA)	0603(1608M)	1	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C80G106ME13	10 uF	4Vdc	X6S (EIA)	0603(1608M)	0.9	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C80J106ME13	10 uF	6.3Vdc	X6S (EIA)	0603(1608M)	1	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C81A106ME13	10 uF	10Vdc	X6S (EIA)	0603(1608M)	1	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C81C106ME13	10 uF	16Vdc	X6S (EIA)	0603(1608M)	1	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188D70J106ME13	10 uF	6.3Vdc	X7T (EIA)	0603(1608M)	1	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188D71A106ME13	10 uF	10Vdc	X7T (EIA)	0603(1608M)	1	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R60G106ME13	10 uF	4Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R60J106ME13	10 uF	6.3Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R61A106KE13	10 uF	10Vdc	X5R (EIA)	0603(1608M)	0.95	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R61C106KE13	10 uF	16Vdc	X5R (EIA)	0603(1608M)	0.95	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R61E106ME13	10 uF	25Vdc	X5R (EIA)	0603(1608M)	1	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C80G226ME13	22 uF	4Vdc	X6S (EIA)	0603(1608M)	1	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188C80J226ME13	22 uF	6.3Vdc	X6S (EIA)	0603(1608M)	1	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R60E226ME13	22 uF	2.5Vdc	X5R (EIA)	0603(1608M)	0.95	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R60J226ME13	22 uF	6.3Vdc	X5R (EIA)	0603(1608M)	1	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT188R61A226ME13	22 uF	10Vdc	X5R (EIA)	0603(1608M)	1	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT21BR72A473KE01	47000 pF	100Vdc	X7R (EIA)	0805(2012M)	1.35	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT21BR71H474KE01	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
GRT21BC81A106ME01	10 uF	10Vdc	X6S (EIA)	0805(2012M)	1.35	±20%	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
GRT21BC81C106ME01	10 uF	16Vdc	X6S (EIA)	0805(2012M)	1.35	±20%	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
GRT31MC81H105KE01	1 uF	50Vdc	X6S (EIA)	1206(3216M)	1.25	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT31CC81H155KE01	1.5 uF	50Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT31CR61H155KE01	1.5 uF	50Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT31MC81C155KE01	1.5 uF	16Vdc	X6S (EIA)	1206(3216M)	1.25	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT31MC81E155KE01	1.5 uF	25Vdc	X6S (EIA)	1206(3216M)	1.25	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT31MR61C155KE01	1.5 uF	16Vdc	X5R (EIA)	1206(3216M)	1.25	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT31MR61E155KE01	1.5 uF	25Vdc	X5R (EIA)	1206(3216M)	1.25	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
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	X5R (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
GRT31CC81E475KE01	4.7 uF	25Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 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)
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
GRT319R6YA106KE01	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
GRT31CD71H106KE13	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
GRT31CC71C226ME13	22 uF	16Vdc	X7S (EIA)	1206(3216M)	1.9	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT31CC71E226ME13	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	10Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT31CR61C226KE01	22 uF	16Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT31CR61E226KE01	22 uF	25Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT31CR70J226KE13	22 uF	6.3Vdc	X7R (EIA)	1206(3216M)	1.8	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT31CC80J476KE13	47 uF	6.3Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT31CR60J476KE13	47 uF	6.3Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT31CR61A476KE13	47 uF	10Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32DC81H335KE01	3.3 uF	50Vdc	X6S (EIA)	1210(3225M)	2.2	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32DR61H335KE01	3.3 uF	50Vdc	X5R (EIA)	1210(3225M)	2.2	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32EC81H475KE01	4.7 uF	50Vdc	X6S (EIA)	1210(3225M)	2.7	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32ER61H475KE01	4.7 uF	50Vdc	X5R (EIA)	1210(3225M)	2.7	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32ER71H475KE01	4.7 uF	50Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32NR61E685KE01	6.8 uF	25Vdc	X5R (EIA)	1210(3225M)	1.5	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32DC81A106KE01	10 uF	10Vdc	X6S (EIA)	1210(3225M)	2.2	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32DC81C106KE01	10 uF	16Vdc	X6S (EIA)	1210(3225M)	2.2	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32DC81E106KE01	10 uF	25Vdc	X6S (EIA)	1210(3225M)	2.2	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32DR61C106KE01	10 uF	16Vdc	X5R (EIA)	1210(3225M)	2.2	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32DR61E106KE01	10 uF	25Vdc	X5R (EIA)	1210(3225M)	2.2	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32DR61E106ME01	10 uF	25Vdc	X5R (EIA)	1210(3225M)	2.2	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32EC81A226ME13	22 uF	10Vdc	X6S (EIA)	1210(3225M)	2.7	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32ER61C226ME13	22 uF	16Vdc	X5R (EIA)	1210(3225M)	2.7	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32ER61E226KE13	22 uF	25Vdc	X5R (EIA)	1210(3225M)	2.7	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32DR60J336ME01	33 uF	6.3Vdc	X5R (EIA)	1210(3225M)	2.2	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32EC80J476KE13	47 uF	6.3Vdc	X6S (EIA)	1210(3225M)	2.7	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32EC81A476KE13	47 uF	10Vdc	X6S (EIA)	1210(3225M)	2.7	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32EC81C476KE13	47 uF	16Vdc	X6S (EIA)	1210(3225M)	2.7	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32EC81C476ME13	47 uF	16Vdc	X6S (EIA)	1210(3225M)	2.7	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32ER70J476KE13	47 uF	6.3Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GRT32ER60J107ME13	100 uF	6.3Vdc	X5R (EIA)	1210(3225M)	2.7	±20%	Infotainment for Automotive [AEC-Q200]	100 Hz - 6 GHz
GXT155R71H221KE01	220 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71H471KE01	470 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71H102KE01	1000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71H222KE01	2200 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71H472KE01	4700 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71C103KE01	10000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71E103KE01	10000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71H103KE01	10000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 kHz - 6 GHz
GXT155R71C223KE01	22000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71E223KE01	22000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71H223KE01	22000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71C473KE01	47000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71E473KE01	47000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71H473KE01	47000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71E104KE01	100000 pF	25Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71H104KE01	100000 pF	50Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155C80J224KE01	220000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155C81E224KE01	220000 pF	25Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155C8YA224KE01	220000 pF	35Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R60J224KE01	220000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R61A224KE01	220000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R61C224KE01	220000 pF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R61E224KE01	220000 pF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R6YA224KE01	220000 pF	35Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71A224KE01	220000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71C224KE01	220000 pF	16Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155C80J474KE01	470000 pF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155C81C474KE01	470000 pF	16Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R60J474KE01	470000 pF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R61A474KE01	470000 pF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R61C474KE01	470000 pF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R61E474KE01	470000 pF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R6YA474KE01	470000 pF	35Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R71A474KE01	470000 pF	10Vdc	X7R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155C71A105KE13	1 uF	10Vdc	X7S (EIA)	0402(1005M)	0.6	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155C80J105KE01	1 uF	6.3Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155C81A105KE01	1 uF	10Vdc	X6S (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155C81C105KE13	1 uF	16Vdc	X6S (EIA)	0402(1005M)	0.6	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155C81E105KE13	1 uF	25Vdc	X6S (EIA)	0402(1005M)	0.6	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R60J105KE01	1 uF	6.3Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R61A105KE01	1 uF	10Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R61C105KE01	1 uF	16Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R61E105KE01	1 uF	25Vdc	X5R (EIA)	0402(1005M)	0.55	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R6YA105KE13	1 uF	35Vdc	X5R (EIA)	0402(1005M)	0.6	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155C71A225KE13	2.2 uF	10Vdc	X7S (EIA)	0402(1005M)	0.7	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155C81A225KE13	2.2 uF	10Vdc	X6S (EIA)	0402(1005M)	0.7	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155C81C225KE13	2.2 uF	16Vdc	X6S (EIA)	0402(1005M)	0.7	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R61C225KE13	2.2 uF	16Vdc	X5R (EIA)	0402(1005M)	0.7	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT155R61E225KE13	2.2 uF	25Vdc	X5R (EIA)	0402(1005M)	0.7	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT188R71E224KE01	220000 pF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT188C80G105ME01	1 uF	4Vdc	X6S (EIA)	0603(1608M)	0.9	±20%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT188R71C105KE13	1 uF	16Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT188R71E105KE13	1 uF	25Vdc	X7R (EIA)	0603(1608M)	0.9	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT188C81E225KE13	2.2 uF	25Vdc	X6S (EIA)	0603(1608M)	1	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT188C8YA225KE13	2.2 uF	35Vdc	X6S (EIA)	0603(1608M)	1	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT188R61H225KE13	2.2 uF	50Vdc	X5R (EIA)	0603(1608M)	1	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT188R6YA225KE13	2.2 uF	35Vdc	X5R (EIA)	0603(1608M)	0.9	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT188C81C475KE13	4.7 uF	16Vdc	X6S (EIA)	0603(1608M)	0.95	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 GHz
GXT188C81E475KE13	4.7 uF	25Vdc	X6S (EIA)	0603(1608M)	1	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz - 6 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)
GXT188R61C475KE13	4.7 uF	16Vdc	X5R (EIA)	0603(1608M)	0.95	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT188R61E475KE13	4.7 uF	25Vdc	X5R (EIA)	0603(1608M)	0.95	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT188R6YA475KE13	4.7 uF	35Vdc	X5R (EIA)	0603(1608M)	1	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT188C80G106ME13	10 uF	4Vdc	X6S (EIA)	0603(1608M)	0.9	±20%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT188C81A106ME13	10 uF	10Vdc	X6S (EIA)	0603(1608M)	1	±20%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT188C81C106ME13	10 uF	16Vdc	X6S (EIA)	0603(1608M)	1	±20%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT188R60G106ME13	10 uF	4Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT188R60J106ME13	10 uF	6.3Vdc	X5R (EIA)	0603(1608M)	0.9	±20%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT188R61A106KE13	10 uF	10Vdc	X5R (EIA)	0603(1608M)	0.95	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT188R61C106KE13	10 uF	16Vdc	X5R (EIA)	0603(1608M)	0.95	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT188R61E106ME13	10 uF	25Vdc	X5R (EIA)	0603(1608M)	1	±20%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT21BR71H105KE01	1 uF	50Vdc	X7R (EIA)	0805(2012M)	1.35	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT21BR71C225KE01	2.2 uF	16Vdc	X7R (EIA)	0805(2012M)	1.35	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT21BR71E225KE13	2.2 uF	25Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT21BR71A475KE13	4.7 uF	10Vdc	X7R (EIA)	0805(2012M)	1.4	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT21BC71E106KE13	10 uF	25Vdc	X7S (EIA)	0805(2012M)	1.45	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT21BC81A226ME13	22 uF	10Vdc	X6S (EIA)	0805(2012M)	1.45	±20%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT21BR61C226ME13	22 uF	16Vdc	X5R (EIA)	0805(2012M)	1.45	±20%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT21BR61E226ME13	22 uF	25Vdc	X5R (EIA)	0805(2012M)	1.45	±20%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT31CC81E106KE01	10 uF	25Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT31CC8YA106KE01	10 uF	35Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT31CR6YA106KE01	10 uF	35Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT31CC81C226KE01	22 uF	16Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT31CC80J476KE13	47 uF	6.3Vdc	X6S (EIA)	1206(3216M)	1.8	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT31CR61A476KE13	47 uF	10Vdc	X5R (EIA)	1206(3216M)	1.8	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT32EC81A476KE13	47 uF	10Vdc	X6S (EIA)	1210(3225M)	2.7	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT32EC81C476KE13	47 uF	16Vdc	X6S (EIA)	1210(3225M)	2.7	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
GXT32ER70J476KE13	47 uF	6.3Vdc	X7R (EIA)	1210(3225M)	2.7	±10%	Water repellent/ Infotainment [AEC-Q200]	100 Hz – 6 GHz
LLC152D70G105ME01	1 uF	4Vdc	X7T (EIA)	0204(0510M)	0.22	±20%	ESL for Powertrain/Safety for Automotive[AEC-Q2	100 Hz – 6 GHz
LLC15SD70E105ME01	1 uF	2.5Vdc	X7T (EIA)	0204(0510M)	0.18	±20%	ESL for Powertrain/Safety for Automotive[AEC-Q2	100 Hz – 6 GHz
LLC152D70E225ME01	2.2 uF	2.5Vdc	X7T (EIA)	0204(0510M)	0.22	±20%	ESL for Powertrain/Safety for Automotive[AEC-Q2	100 Hz – 6 GHz
LLL03TR61E333KE01	33000 pF	25Vdc	X5R (EIA)	0102(0306M)	0.2	±10%	Low ESL	100 Hz – 6 GHz
LLL153C70E474ME17	470000 pF	2.5Vdc	X7S (EIA)	0204(0510M)	0.35	±20%	Low ESL	100 Hz – 6 GHz
LLL153C70G474ME17	470000 pF	4Vdc	X7S (EIA)	0204(0510M)	0.35	±20%	Low ESL	100 Hz – 6 GHz
LLL153C80G474ME17	470000 pF	4Vdc	X6S (EIA)	0204(0510M)	0.35	±20%	Low ESL	100 Hz – 6 GHz
LLL153R60G474ME17	470000 pF	4Vdc	X5R (EIA)	0204(0510M)	0.35	±20%	Low ESL	100 Hz – 6 GHz
LLL152D70G105ME01	1 uF	4Vdc	X7T (EIA)	0204(0510M)	0.22	±20%	Low ESL	100 Hz – 6 GHz
LLL152D70J105ME01	1 uF	6.3Vdc	X7T (EIA)	0204(0510M)	0.22	±20%	Low ESL	100 Hz – 6 GHz
LLL152D80E105ME24	1 uF	2.5Vdc	X6T (EIA)	0204(0510M)	0.22	±20%	Low ESL	100 Hz – 6 GHz
LLL152R60G105ME24	1 uF	4Vdc	X5R (EIA)	0204(0510M)	0.22	±20%	Low ESL	100 Hz – 6 GHz
LLL153C70E105ME21	1 uF	2.5Vdc	X7S (EIA)	0204(0510M)	0.35	±20%	Low ESL	100 Hz – 6 GHz
LLL153C80G105ME21	1 uF	4Vdc	X6S (EIA)	0204(0510M)	0.35	±20%	Low ESL	100 Hz – 6 GHz
LLL15SD70E105ME01	1 uF	2.5Vdc	X7T (EIA)	0204(0510M)	0.18	±20%	Low ESL	100 Hz – 6 GHz
LLL15SD70G105ME01	1 uF	4Vdc	X7T (EIA)	0204(0510M)	0.18	±20%	Low ESL	100 Hz – 6 GHz
LLL152D70E225ME01	2.2 uF	2.5Vdc	X7T (EIA)	0204(0510M)	0.22	±20%	Low ESL	100 Hz – 6 GHz
LLL152D70G225ME01	2.2 uF	4Vdc	X7T (EIA)	0204(0510M)	0.22	±20%	Low ESL	100 Hz – 6 GHz
LLL1U4D80E435ME22	4.3 uF	2.5Vdc	X6T (EIA)	02404(0610M)	0.45	±20%	Low ESL	100 Hz – 6 GHz
LLL1U4R60G435ME22	4.3 uF	4Vdc	X5R (EIA)	02404(0610M)	0.45	±20%	Low ESL	100 Hz – 6 GHz
ZRA21CR61E226ME01	22 uF	25Vdc	X5R (EIA)	0805(2012M)	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
ZRB15XR61A475ME01	4.7 uF	10Vdc	X5R (EIA)	0402(1005M)	0.8	±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
ZRB18AR61C226ME01	22 uF	16Vdc	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
ZRB21CD72A225KE01	2.2 uF	100Vdc	X7T (EIA)	0805(2012M)	1.65	±10%	Acoustic noise reduction (interposer)	100 Hz – 6 GHz
ZRB21CD72A225ME01	2.2 uF	100Vdc	X7T (EIA)	0805(2012M)	1.65	±20%	Acoustic noise reduction (interposer)	100 Hz – 6 GHz
ZRB21CC81H475KE01	4.7 uF	50Vdc	X6S (EIA)	0805(2012M)	1.65	±10%	Acoustic noise reduction (interposer)	100 Hz – 6 GHz
ZRB21CC81H475ME01	4.7 uF	50Vdc	X6S (EIA)	0805(2012M)	1.65	±20%	Acoustic noise reduction (interposer)	100 Hz – 6 GHz
ZRB21CR61H106KE01	10 uF	50Vdc	X5R (EIA)	0805(2012M)	1.65	±10%	Acoustic noise reduction (interposer)	100 Hz – 6 GHz
ZRB21CR61H106ME01	10 uF	50Vdc	X5R (EIA)	0805(2012M)	1.65	±20%	Acoustic noise reduction (interposer)	100 Hz – 6 GHz