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Please download the latest datasheet of GRM1555C1H2R0BA01# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=GRM1555C1H2R0BA01%23

## "#"at the end indicates the package specification code.

NRND ROHS REACH 125

< List of part numbers with package codes > GRM1555C1H2R0BA01D GRM1555C1H2R0BA01W GRM1555C1H2R0BA01V

GRM1555C1H2R0BA01#

# Applications

| Unsuitable                               | Please be sure to read and comply with  |  |
|--|---|--|
| Applications                             | these "Precautions for use."  |  |
| Applications<br>Specific<br>Applications | Consumer equipment,Industrial<br>Equipment,Mobile Electronics,Medical<br>equipment [GHTF A/B/C] except for<br>implant equipment,Automotive<br>infotainment/comfort equipment<br>Please refer to Our Website and<br>specifications, etc. for information about<br>the performance, functions, quality,<br>management, and safety required for<br>the above applications, and use<br>Products after confirming the<br>performance and reliability of the actual |  |
|  | Product.  |  |

### GRM1555C1H2R0BA01J



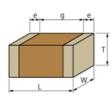
## References

| Packaging | Specifications                 | Standard<br>Packing<br>Quantity |
|-----------|--------------------------------|---------------------------------|
| D         | φ180mm Reel Paper Tape         | 10000                           |
| W         | φ180mm Reel W8P1 Paper<br>Tape | 20000                           |
| J         | φ330mm Reel Paper Tape         | 50000                           |
| V         | φ330mm Reel W8P1 Paper<br>Tape | 100000                          |

| Mass (typ.) |       |  |
|-------------|-------|--|
| 1 piece     | 1.6mg |  |

## Appearance & Shape





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# Specifications

| Length   | 1.0±0.05mm     |
|--|----------------|
| Width  | 0.5±0.05mm     |
| Thickness  | 0.5±0.05mm     |
| Capacitance  | 2.0pF ±0.1pF   |
| Distance between external terminals g              | 0.3mm min.     |
| External terminal size e                           | 0.15 to 0.35mm |
| Operating Temperature<br>Range                     | -55℃ to 125℃   |
| Rated Voltage                                      | 50Vdc          |
| Size code in inch(mm)                              | 0402 (1005M)   |
| TC   | 0±30ppm/°C     |
| Temperature characteristics<br>(complied standard) | C0G(EIA)       |
| Temperature range of temperature characteristics   | 25℃ to 125℃    |

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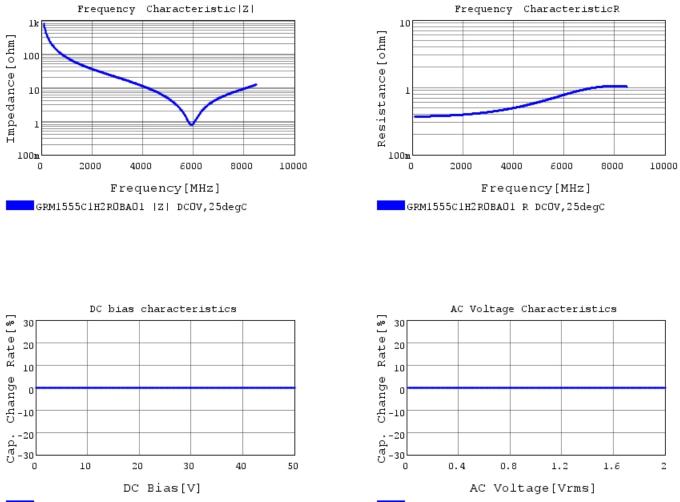
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# Characteristic Data

GRM1555C1H2R0BA01#

The charts below may show another part number which shares its characteristics.





GRM1555C1H2ROBAO1 C-AC Voltage capchange, D(

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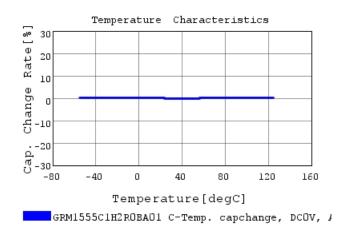
Product Search Data Sheet

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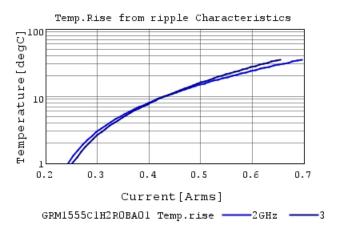
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