

GRM0225C1H8R1CA03#

Note: This datasheet may be out of date.

Please download the latest datasheet of GRM0225C1H8R1CA03# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=GRM0225C1H8R1CA03%23

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











< List of part numbers with package codes > GRM0225C1H8R1CA03L



Applications

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



References

| Packaging | Specifications | Standard Packing |
|-----------|------------------|-------------------|
| L | 180Embossed Tape | Quantity 40000 |

| Mass (typ.) | |
|-------------|--------|
| 1 piece | 0.09mg |



Appearance & Shape





1 of 4

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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

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Specifications

| Length | 0.4±0.02mm | |
|---------------------------------------|----------------|--|
| Width | 0.2±0.02mm | |
| Thickness | 0.2±0.02mm | |
| Capacitance | 8.1pF ±0.25pF | |
| Distance between external terminals g | 0.13mm min. | |
| External terminal size e | 0.07 to 0.14mm | |
| Operating Temperature Range | -55°C to 125°C | |
| Rated Voltage | 50Vdc | |
| Size code in inch(mm) | 01005 (0402M) | |
| TC | 0±30ppm/°C | |
| Temperature characteristics | 000(514) | |
| (complied standard) | C0G(EIA) | |
| Temperature range of | 25°C to 125°C | |
| temperature characteristics | 25 C to 125 C | |

2 of 4

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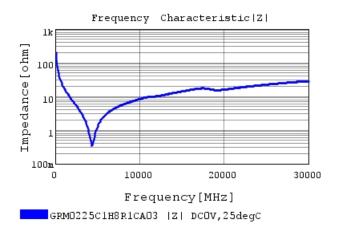
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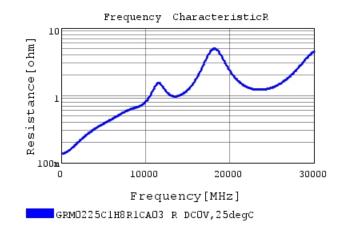
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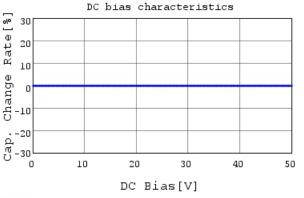


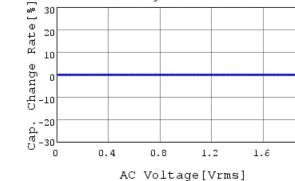
Characteristic Data

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









20

GRMO225C1H8R1CAO3 C-DC bias capchange, 25.0c

GRMO225C1H8R1CAO3 C-AC Voltage capchange, D(

AC Voltage Characteristics

3 of 4

2

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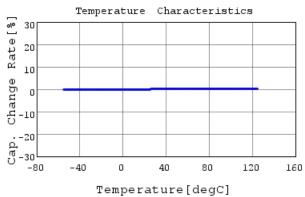
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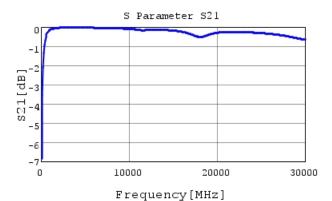
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GRMO225C1H8R1CAO3 C-Temp. capchange, DCOV, 1



GRM0225c1H8R1cA03 S21 DCOV,25degC

4 of 4

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