

GRM0225C1H5R3CA03#

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of GRM0225C1H5R3CA03# from the official website of Murata

http://www.murata.com/en-sq/products/productdetail?partno=GRM0225C1H5R3CA03%23

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











< List of part numbers with package codes > GRM0225C1H5R3CA03L



Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	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

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

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

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





GRM0225C1H5R3CA03#

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of GRM0225C1H5R3CA03# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=GRM0225C1H5R3CA03%2

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



Specifications

Length	0.4±0.02mm
Width	0.2±0.02mm
Thickness	0.2±0.02mm
Capacitance	5.3pF ±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 (complied standard)	C0G(EIA)
Temperature range of temperature characteristics	25°C to 125°C

2 of 4

Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.



Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current

Please download the latest datasheet of GRM0225C1H5R3CA03# from the official website of Murata

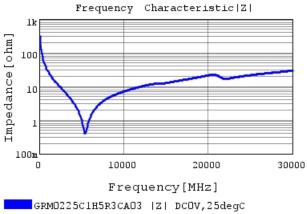
"#"at the end indicates the package specification code.

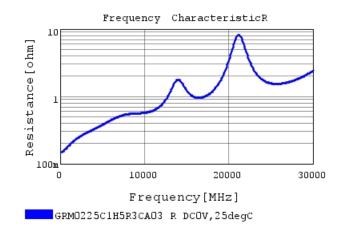


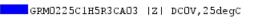
Characteristic Data

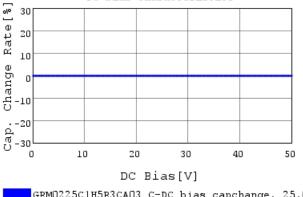
GRM0225C1H5R3CA03#

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

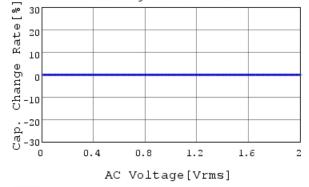








DC bias characteristics



AC Voltage Characteristics

GRMO225C1H5R3CAO3 C-DC bias capchange, 25.0c

GRMO225C1H5R3CAO3 C-AC Voltage capchange, D(

3 of 4

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering





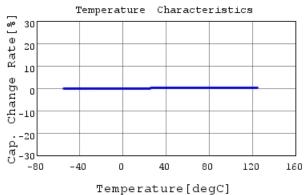
GRM0225C1H5R3CA03#

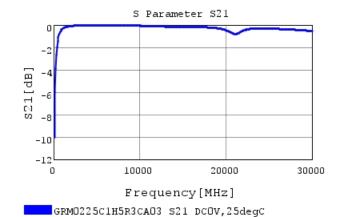
Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of GRM0225C1H5R3CA03# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=GRM0225C1H5R3CA03%23

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





GRMO225C1H5R3CAO3 C-Temp. capchange, DCOV, 1

4 of 4

Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

2. This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

