Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of GRM0115C1E9R2DE01# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=GRM0115C1E9R2DE01%23

GRM0115C1E9R2DE01#

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

In Production | **RoHS** | **REACH** | **125 °C max.** | **Reflow OK**

< List of part numbers with package codes >
GRM0115C1E9R2DE01L

Applications

Unsuitable Applications	Please be sure to read and comply with 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 Quantity
L	180Embossed Tape	50000

Mass (typ.)	
1 piece	0.016mg

Appearance & Shape
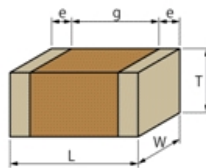
Attention

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.
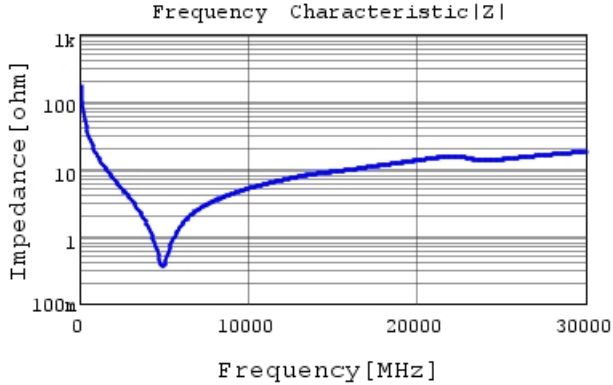
GRM0115C1E9R2DE01#

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Specifications

Length	0.25±0.013mm
Width	0.125±0.013mm
Thickness	0.125±0.013mm
Capacitance	9.2pF ±0.5pF
Distance between external terminals g	0.05mm min.
External terminal size e	0.05 to 0.1mm
Operating Temperature Range	-55℃ to 125℃
Rated Voltage	25Vdc
Size code in inch(mm)	008004 (0201M)
TC	0±30ppm/℃
Temperature characteristics (complied standard)	C0G(EIA)
Temperature range of temperature characteristics	25℃ to 125℃

URL : https://www.murata.com/

Last updated05/14/2024

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Characteristic Data

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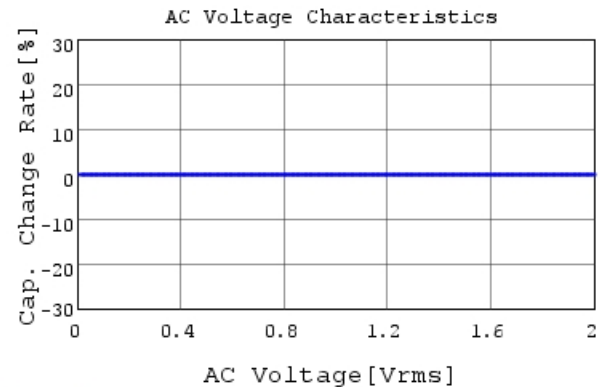

Frequency Characteristic|Z|
GRM0115C1E9R2DE01 |Z| DC0V,25degC

Frequency CharacteristicR
GRM0115C1E9R2DE01 R DC0V,25degC
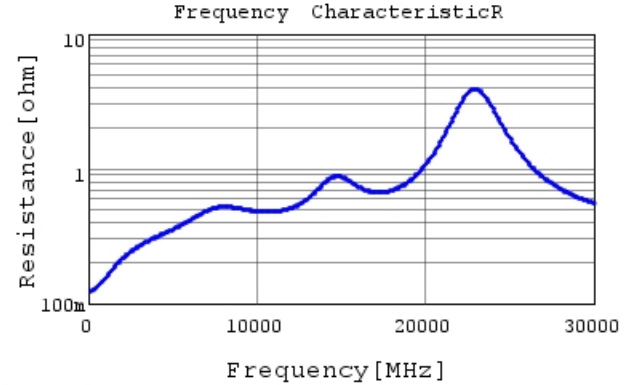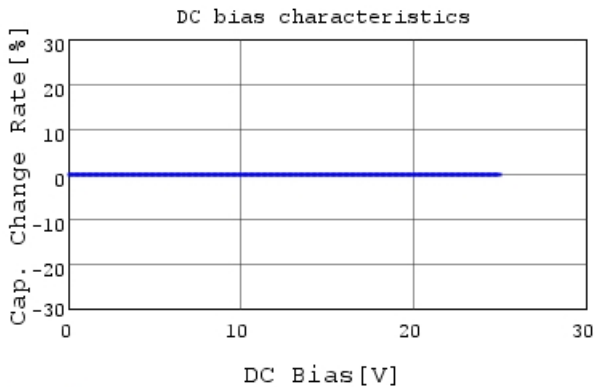
DC bias characteristics
GRM0115C1E9R2DE01 C-DC bias capchange, 25.0c

AC Voltage Characteristics
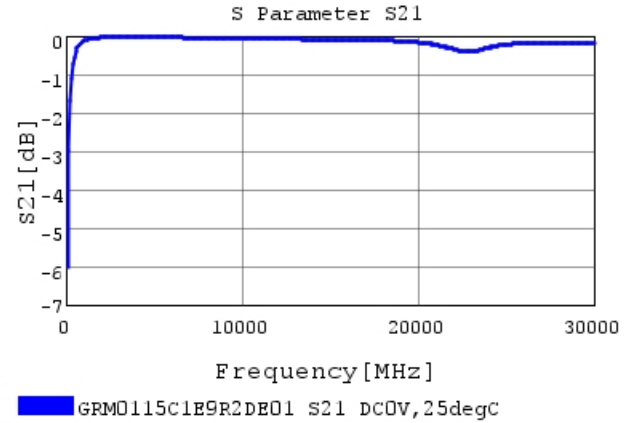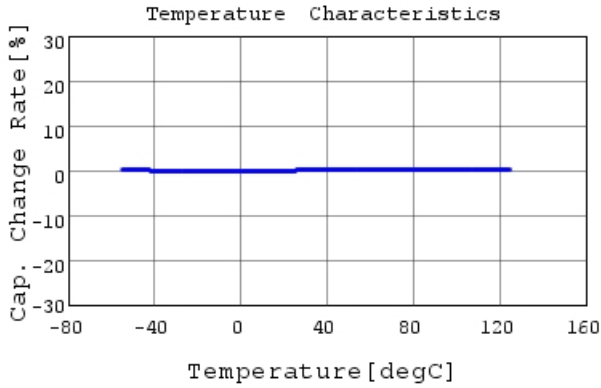GRM0115C1E9R2DE01 C-AC Voltage capchange, DC

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Temperature Characteristics

GRM0115C1E9R2DE01 C-Temp. capchange, DC0V, A

S Parameter S21

GRM0115C1E9R2DE01 S21 DC0V,25degC

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