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 GRM0115C1E300GE01# from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=GRM0115C1E300GE01%23

GRM0115C1E300GE01#

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

In Production | RoHS | REACH | 125 ℃ max. | Reflow OK

< List of part numbers with package codes >
GRM0115C1E300GE01L

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

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GRM0115C1E300GE01#

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

Specifications

Length	0.25±0.013mm
Width	0.125±0.013mm
Thickness	0.125±0.013mm
Capacitance	30pF ±2%
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℃

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Product Search Data Sheet

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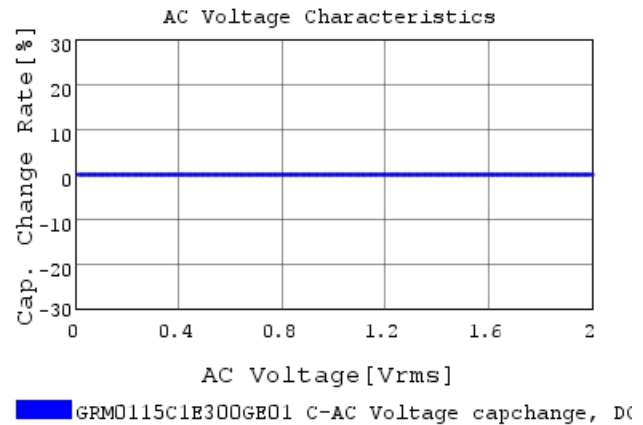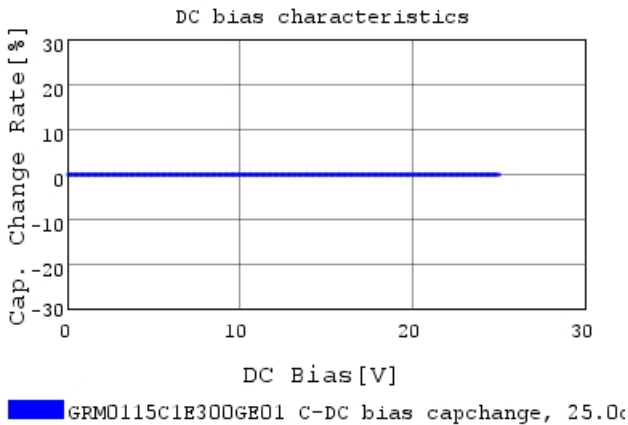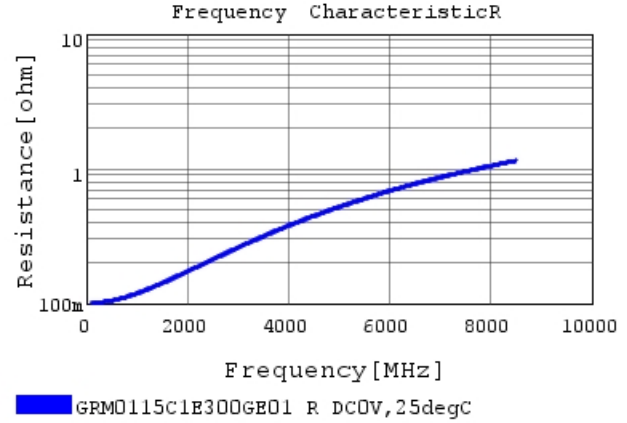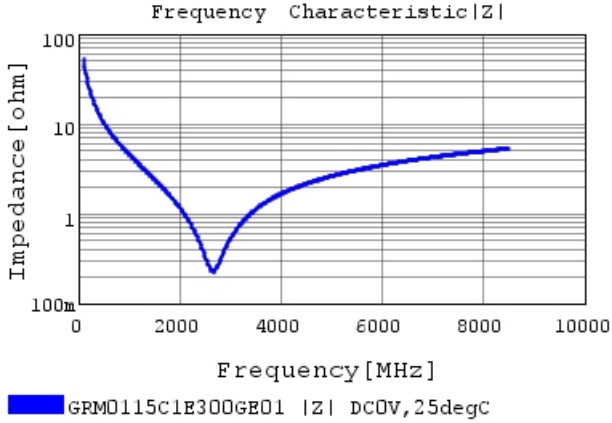http://www.murata.com/en/products/productdetail?partno=GRM0115C1E300GE01%23

GRM0115C1E300GE01#

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

Characteristic Data

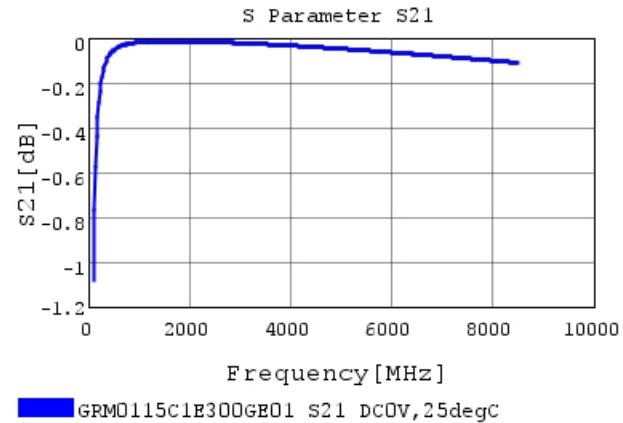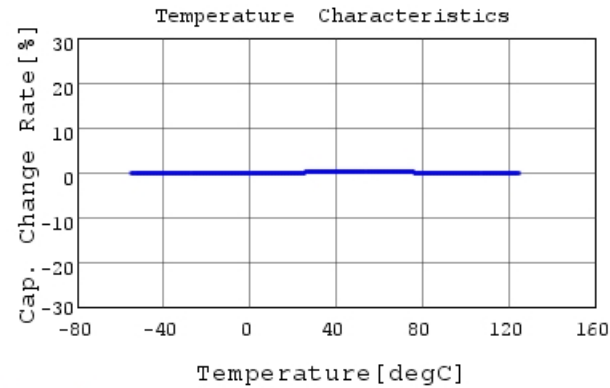The charts below may show another part number which shares its characteristics.

Frequency Characteristic|Z|

GRM0115C1E300GE01 |Z| DC0V,25degC

Frequency CharacteristicR

GRM0115C1E300GE01 R DC0V,25degC

DC bias characteristics

GRM0115C1E300GE01 C-DC bias capchange, 25.0°

AC Voltage Characteristics

GRM0115C1E300GE01 C-AC Voltage capchange, DC

3 of 4

GRM0115C1E300GE01#

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

Temperature Characteristics

GRM0115C1E300GE01 C-Temp. capchange, DCOV, ...

S Parameter S21

GRM0115C1E300GE01 S21 DCOV,25degC

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