Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of GQM2195C2E1R8BB12# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=GQM2195C2E1R8BB12%23

GQM2195C2E1R8BB12#

"#" indicates a package specification code.

In Production | RoHS | REACH | 125°C max. | High Q | Reflow OK | Flow OK

< List of part numbers with package codes >

GQM2195C2E1R8BB12D

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
D	φ180mm Reel Paper Tape	4000

Mass (typ.)	
1 piece	9.5mg

Appearance & Shape

Attention

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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.

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

Last updated06/24/2023

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Specifications

Length	2.0±0.15mm
Width	1.25±0.15mm
Thickness	0.85±0.15mm
Capacitance	1.8pF ±0.1pF
Distance between external terminals g	0.7mm min.
External terminal size e	0.2 to 0.7mm
Operating Temperature Range	-55℃ to 125℃
Rated Voltage	250Vdc
Size code in inch(mm)	0805 (2012M)
TC	0±30ppm/℃
Temperature characteristics (complied standard)	C0G(EIA)
Temperature range of temperature characteristics	25℃ to 125℃

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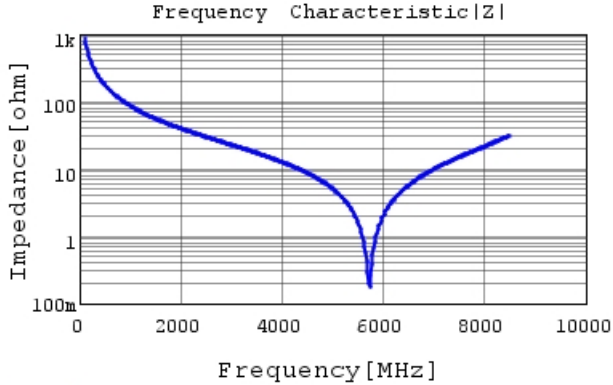
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Characteristic Data

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

Frequency Characteristic|Z|
GQM2195C2E1R8BB12 |Z| DC0V,25degC

Frequency CharacteristicR
GQM2195C2E1R8BB12 R DC0V,25degC
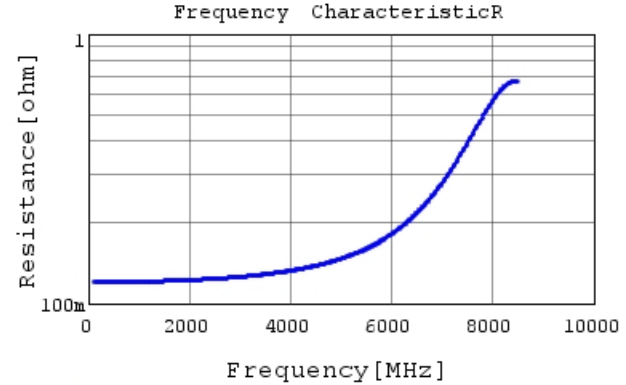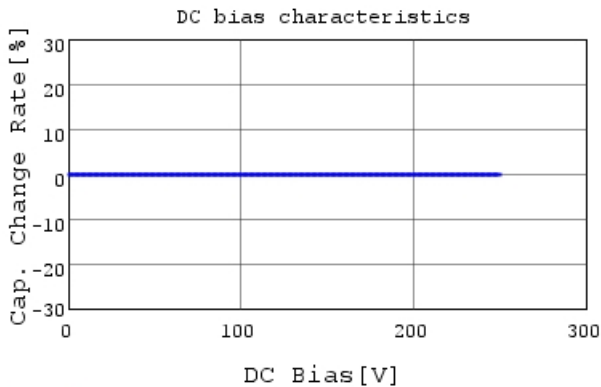
DC bias characteristics
GQM2195C2E1R8BB12 C-DC bias capchange, 25.0c

AC Voltage Characteristics
GQM2195C2E1R8BB12 C-AC Voltage capchange, DC

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Temperature Characteristics

Temp.Rise from ripple Characteristics

GQM2195C2E1R8BB12 C-Temp. capchange, DCOV, A

GQM2195C2E1R8BB12 Temp.rise ——2GHz ——3

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