

# GQM1875C2E1R0BB12#

“#” at the end indicates the package specification code.



< List of part numbers with package codes >  
GQM1875C2E1R0BB12D

## Applications

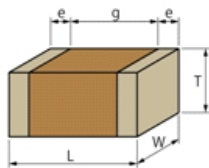
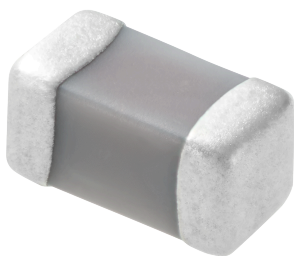
Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHF A/B/C] except for implant equipment, Automotive infotainment/comfort equipment Please refer to Our Website 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	6.3mg

## Appearance & Shape



### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

# GQM1875C2E1R0BB12#

“#” at the end indicates the package specification code.



## Specifications

Length	1.6±0.15mm
Width	0.8±0.15mm
Thickness	0.7±0.1mm
Capacitance	1.0pF ±0.1pF
Distance between external terminals g	0.5mm min.
External terminal size e	0.2 to 0.5mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	250Vdc
Size code in inch(mm)	0603 (1608M)
TC	0±30ppm/°C
Temperature characteristics (complied standard)	C0G(EIA)
Temperature range of temperature characteristics	25°C to 125°C

### 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.

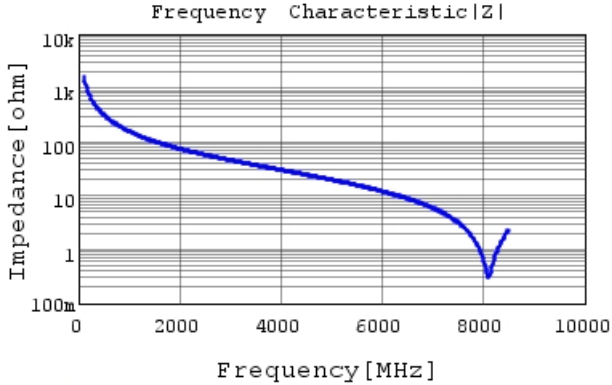
# GQM1875C2E1R0BB12#

“#” at the end indicates the package specification code.

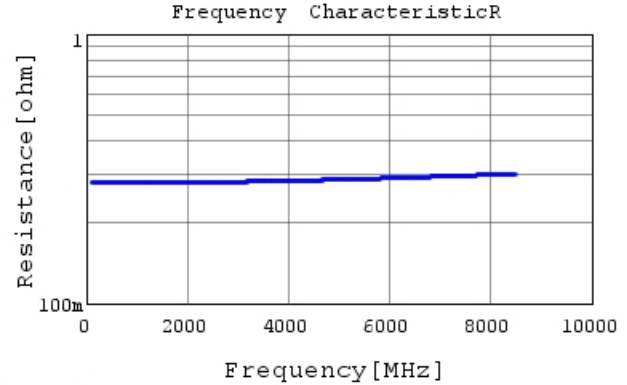


## Characteristic Data

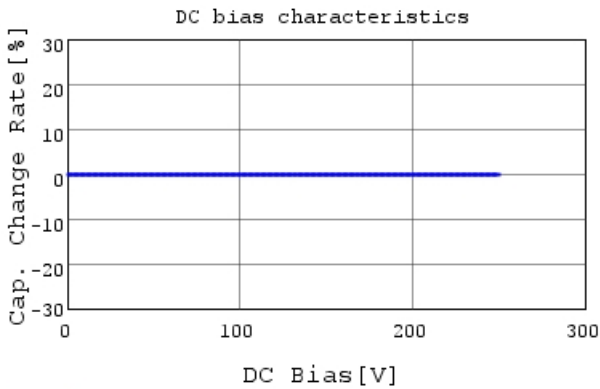
The charts below may show another part number which shares its characteristics.



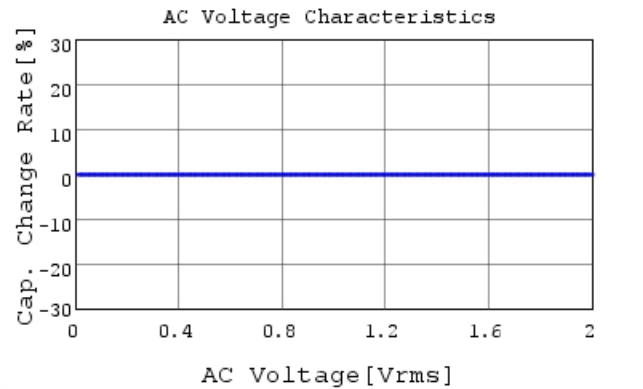
GQM1875C2E1R0BB12 |Z| DCOV,25degC



GQM1875C2E1R0BB12 R DCOV,25degC



GQM1875C2E1R0BB12 C-DC bias capchange, 25.0C



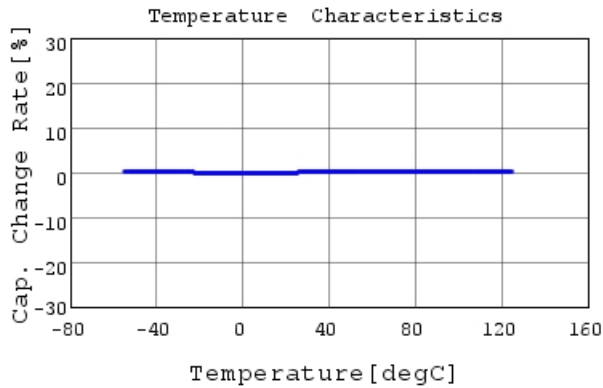
GQM1875C2E1R0BB12 C-AC Voltage capchange, Dc

### Attention

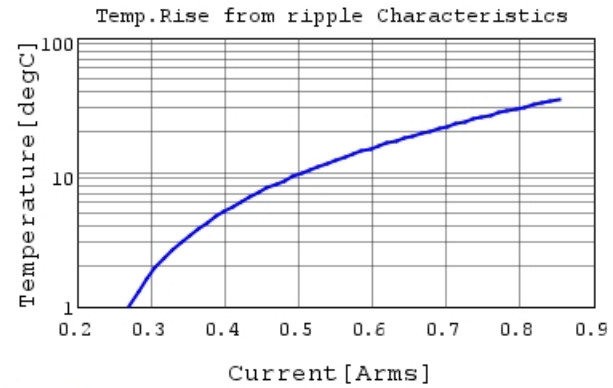
- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 2.This datasheet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

# GQM1875C2E1R0BB12#

“#” at the end indicates the package specification code.



GQM1875C2E1R0BB12 C-Temp. capchange, DCOV, 1



GQM1875C2E1R0BB12 Temp.rise 3GHz

## 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.