muRata Capacitor Data Sheet

GQM1875C2E470JB12#

"#" indicates a package specification code.

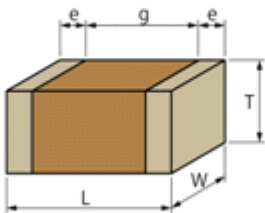| Recommended | Available | General | 125℃ | High Q | Reflow OK | Flow OK | RoHS |

< List of part numbers with package codes >
GQM1875C2E470JB12D

Shape

L size	1.6 ± 0.15mm
W size	0.8 ± 0.15mm
T size	0.7 ± 0.1mm
External terminal width e	0.2 to 0.5mm
Distance between external terminals g	0.5mm min.
Size code in inch(mm)	0603 (1608)

References

Packaging	Specifications	Minimum quantity
D	180mm Paper taping	4000

Mass (typ.)	
1 piece	6.3mg
180mm Reel	144g

Specifications

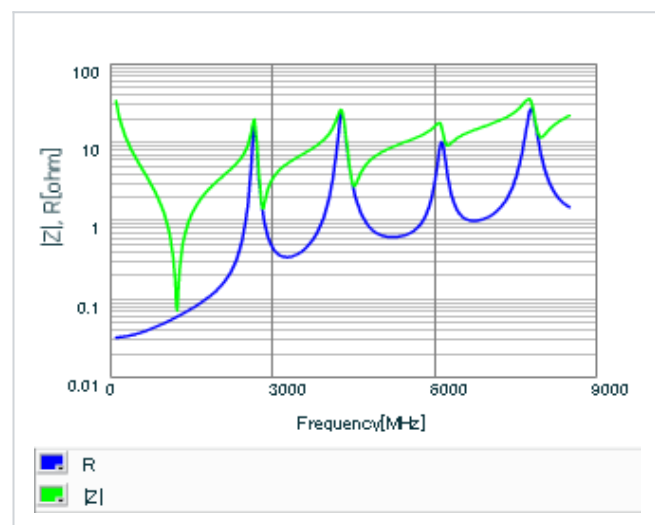| Capacitance | 47pF ± 5% |
Rated voltage	250Vdc
Temperature characteristics (complied standard)	C0G(EIA)
Temperature coefficient	0± 30ppm/
Temperature range of temperature characteristics	25 to 125
Operating temperature range	-55 to 125

⚠ **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.
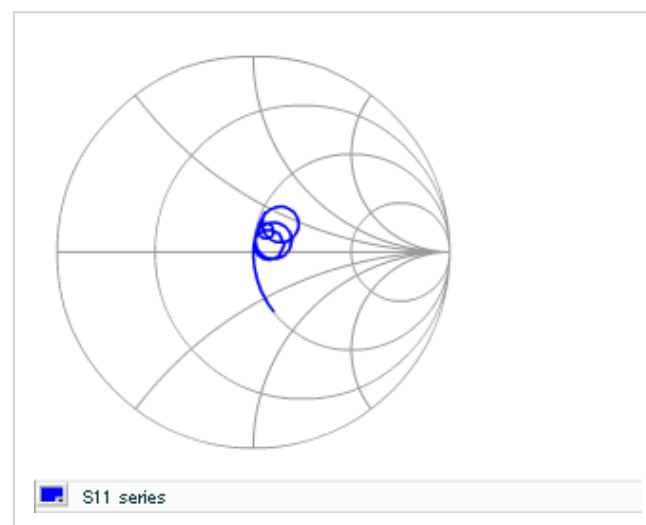2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▫ Frequency characteristics (ESR, Impedance)

- R
- |Z|

▫ S parameter (Smith chart S11)

- S11 series

▫ AC voltage characteristics

- C-AC Voltage,Cap Change

▫ Capacitance - temperature characteristics

- C-Temp.,no bias,Cap Change

▫ Calorific property by ripple current

- Temp.rise,500MHz
- Temp.rise,700MHz
- Temp.rise,1GHz

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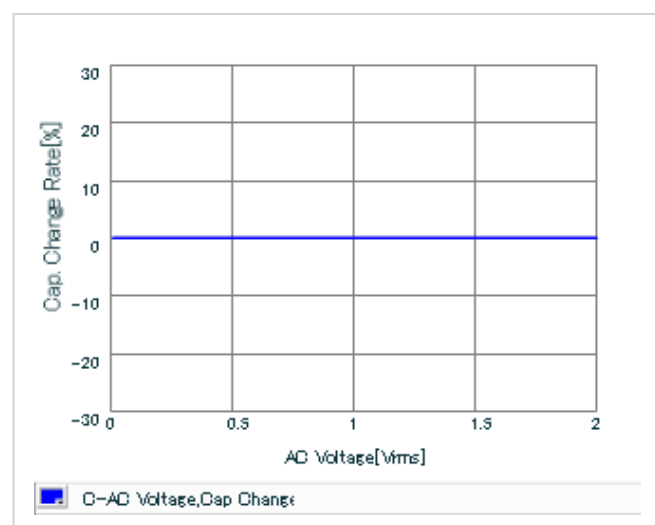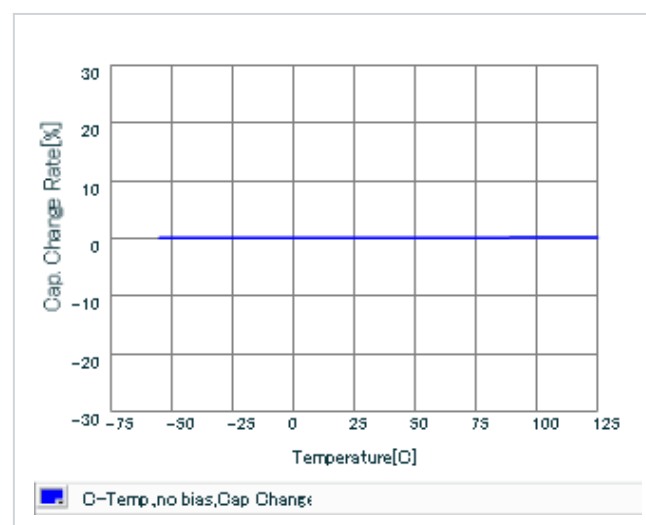
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