Capacitor data sheet

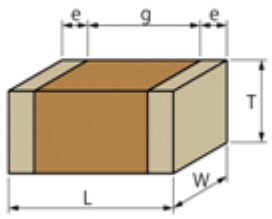
GQM1875C2E6R8CB12#

" # " indicates a package specification code.

Recommended | Flow OK | Reflow OK | Complies with RoHS | HIQ

< List of part numbers with package codes >
GQM1875C2E6R8CB12D

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	φ180mm Paper taping	4000

Mass (typ.)	
1 piece	6.3mg
φ180mm Reel	144g

Specifications

Capacitance	6.8pF ±0.25pF
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.

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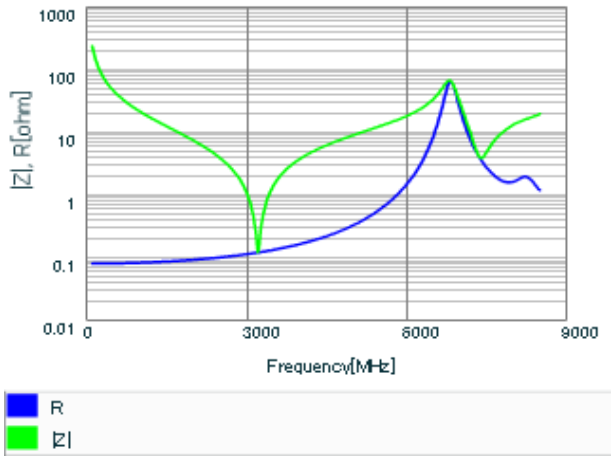
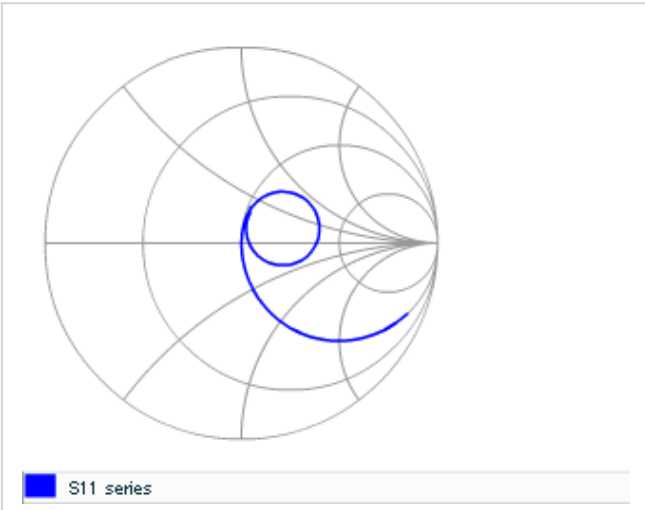
Last updated: 2013/11/16

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

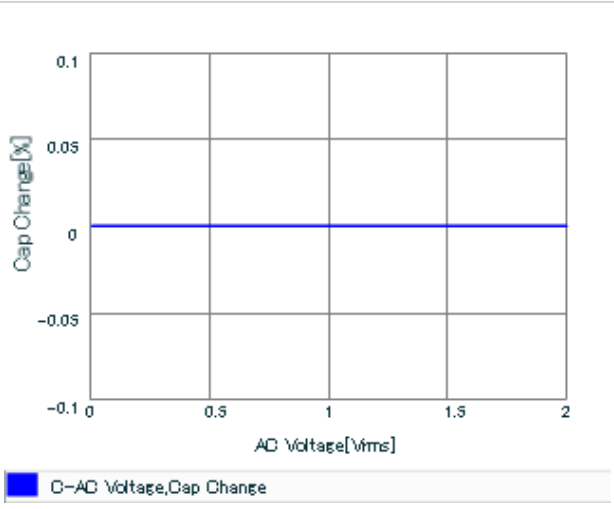
- Frequency characteristics (ESR, Impedance)



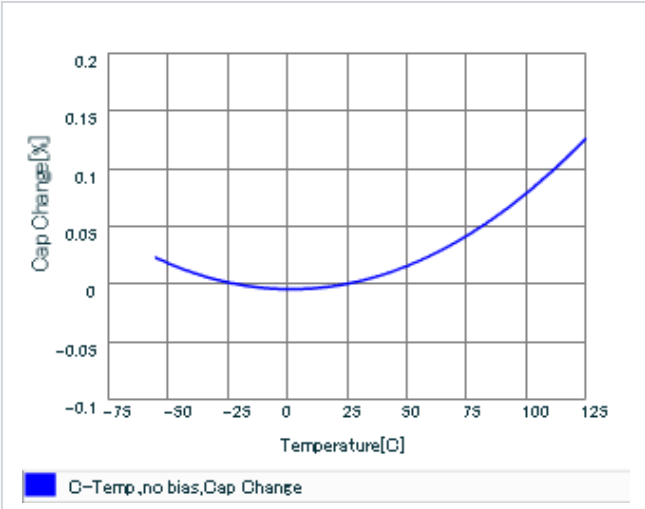
- S parameter (Smith chart S11)



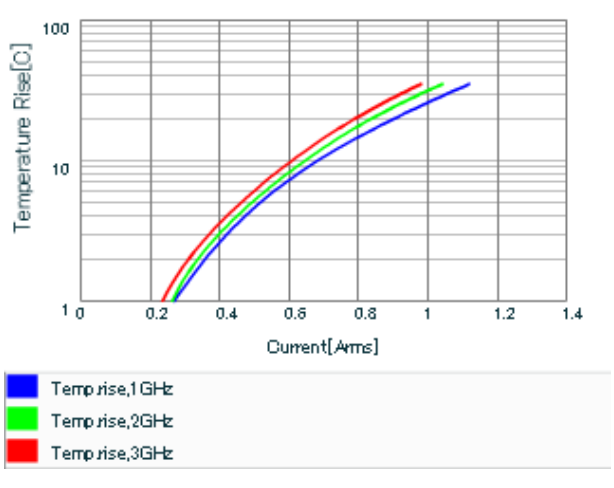
- AC voltage characteristics



- Capacitance - temperature characteristics



- Calorific property by ripple current



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