

GRM2165C1H102JA01#

" # " indicates a package specification code.

Available

General

125℃

Reflow OK


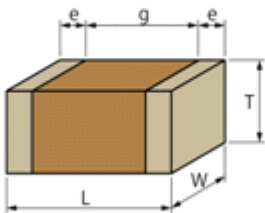
Flow OK

RoHS

REACH

< List of part numbers with package codes >
GRM2165C1H102JA01D , GRM2165C1H102JA01J

Shape



L size	2.0 ± 0.1mm
W size	1.25 ± 0.1mm
T size	0.6 ± 0.1mm
External terminal width e	0.2 to 0.7mm
Distance between external terminals g	0.7mm min.
Size code in inch(mm)	0805 (2012)

References

Packaging	Specifications	Minimum quantity
D	180mm Paper taping	4000
J	330mm Paper taping	10000

Mass (typ.)	
1 piece	6.4mg
180mm Reel	126g

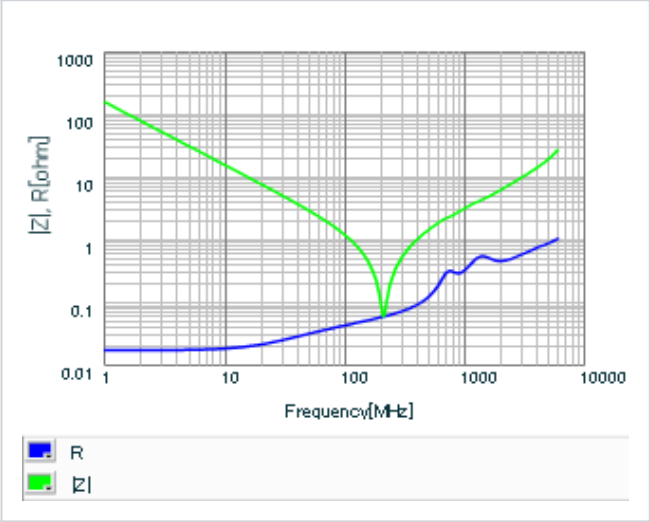
Specifications

Capacitance	1000pF ± 5%
Rated voltage	50Vdc
Temperature characteristics (complied standard)	C0G(EIA)
Temperature coefficient	0 ± 30ppm/
Temperature range of temperature characteristics	25 to 125
Operating temperature range	-55 to 125

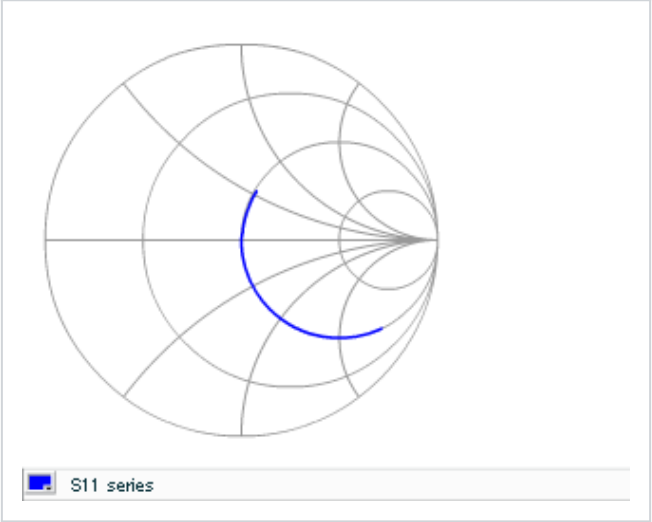
⚠ Attention

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- 2.This datasheet has only typical specifications because there is no space for detailed specifications.
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Frequency characteristics (ESR, Impedance)



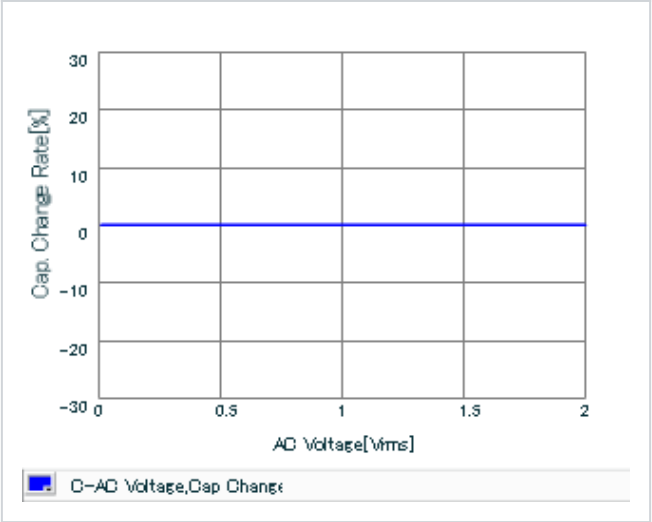
S parameter (Smith chart S11)



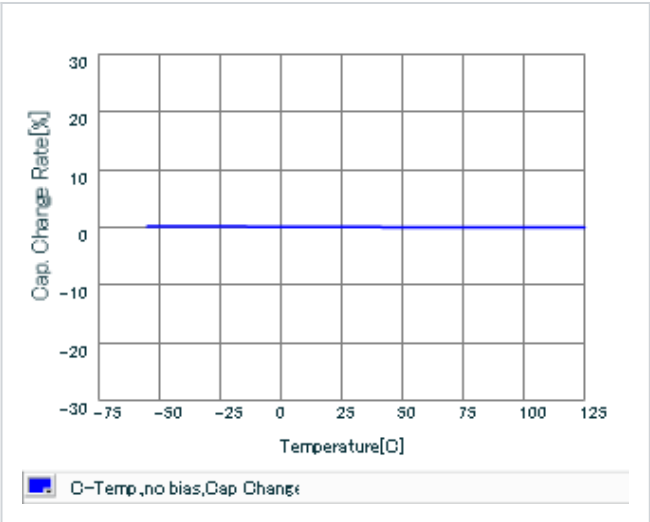
DC bias characteristics



AC voltage characteristics



Capacitance - temperature characteristics



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