

GRM1885C1H8R9BA01#

" # " indicates a package specification code.

Recommended

Available

General

125℃

Reflow OK

Flow OK

RoHS

Lead free

< List of part numbers with package codes >
GRM1885C1H8R9BA01D , GRM1885C1H8R9BA01J

Shape



L size	1.6 ± 0.1mm
W size	0.8 ± 0.1mm
T size	0.8 ± 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	φ 180mm Paper taping	4000
J	φ 330mm Paper taping	10000

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

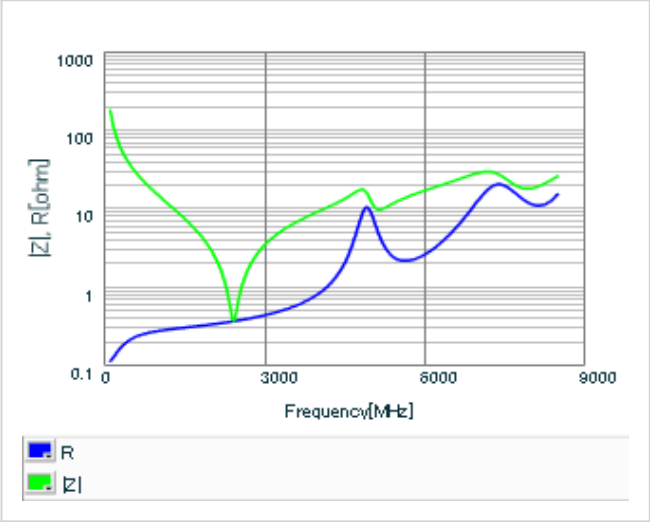
Specifications

Capacitance	8.9pF ± 0.1pF
Rated voltage	50Vdc
Temperature characteristics (complied standard)	COG(EIA)
Temperature coefficient	0 ± 30ppm/
Temperature range of temperature characteristics	25 to 125
Operating temperature range	-55 to 125

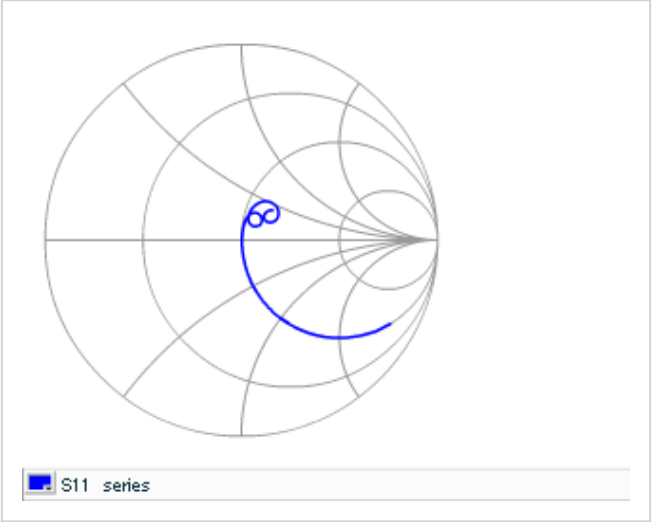
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- 2.This datasheet has only typical specifications because there is no space for detailed specifications.
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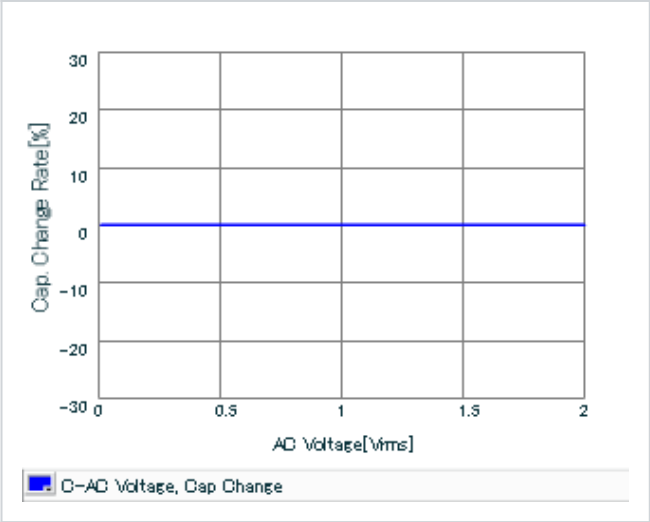
Frequency characteristics (ESR, Impedance)



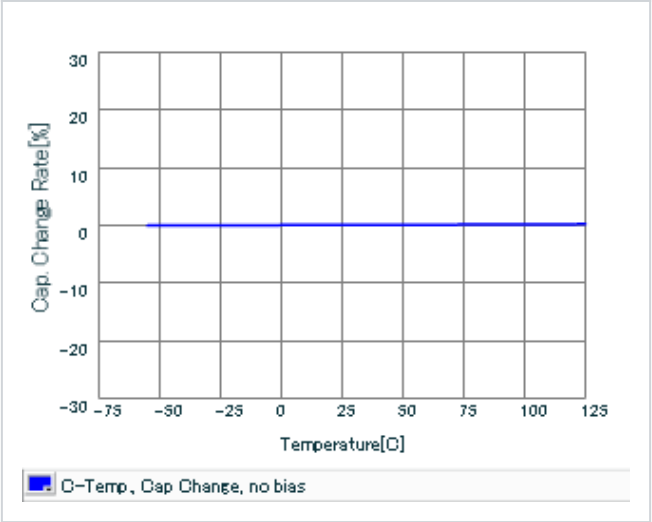
S parameter (Smith chart S11)



AC voltage characteristics



Capacitance - temperature characteristics



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