

GRM0225C1C2R7CD05#

" # " indicates a package specification code.

Recommended

Available

General

125℃

Ultra-compact


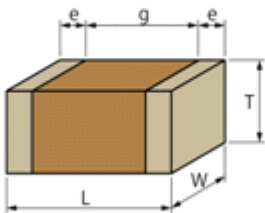
Reflow OK

RoHS

REACH

< List of part numbers with package codes >
GRM0225C1C2R7CD05L

Shape



L size	0.4 ± 0.02mm
W size	0.2 ± 0.02mm
T size	0.2 ± 0.02mm
External terminal width e	0.07 to 0.14mm
Distance between external terminals g	0.13mm min.
Size code in inch(mm)	01005 (0402)

References

Packaging	Specifications	Minimum quantity
L	180mm Embossed taping	40000

Mass (typ.)	
1 piece	0.09mg
180mm Reel	117g

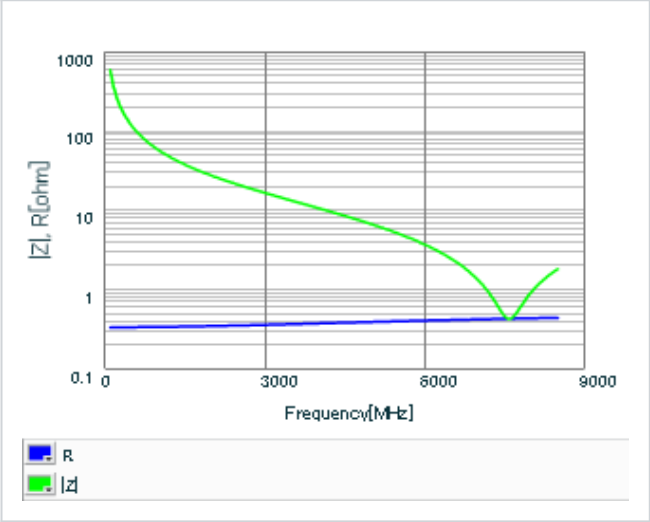
Specifications

Capacitance	2.7pF ± 0.25pF
Rated voltage	16Vdc
Temperature characteristics (complied standard)	C0G(EIA)
Temperature coefficient	0 ± 30ppm/
Temperature range of temperature characteristics	25 to 125
Operating temperature range	-55 to 125

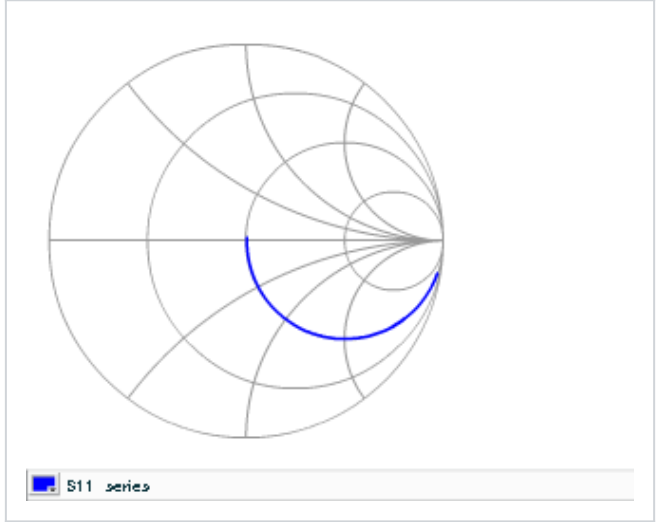
⚠ Attention

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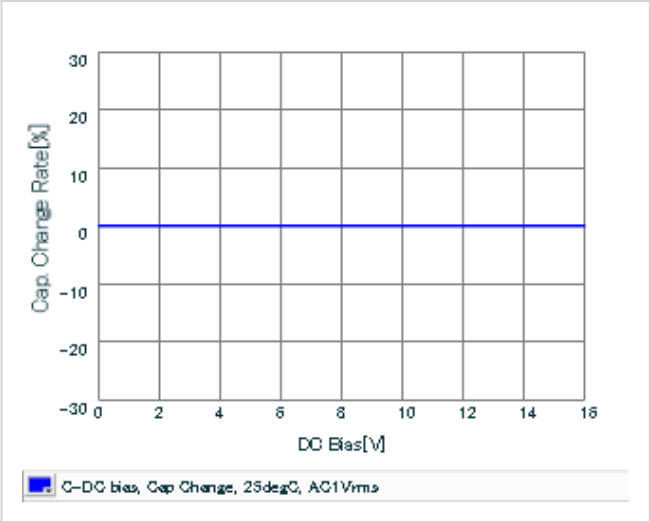
Frequency characteristics (ESR, Impedance)



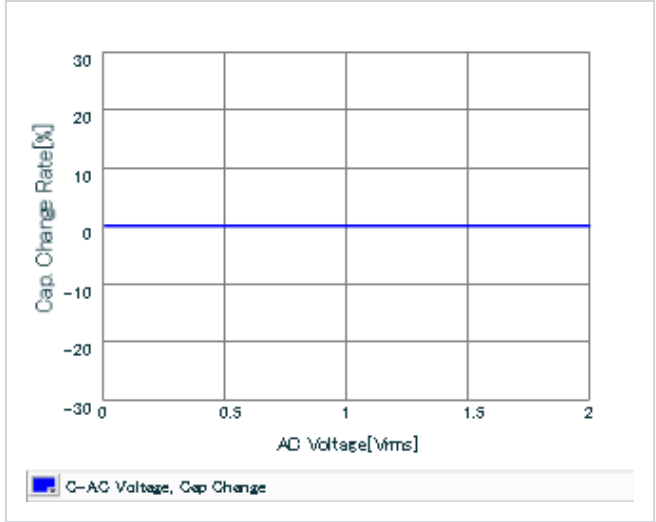
S parameter (Smith chart S11)



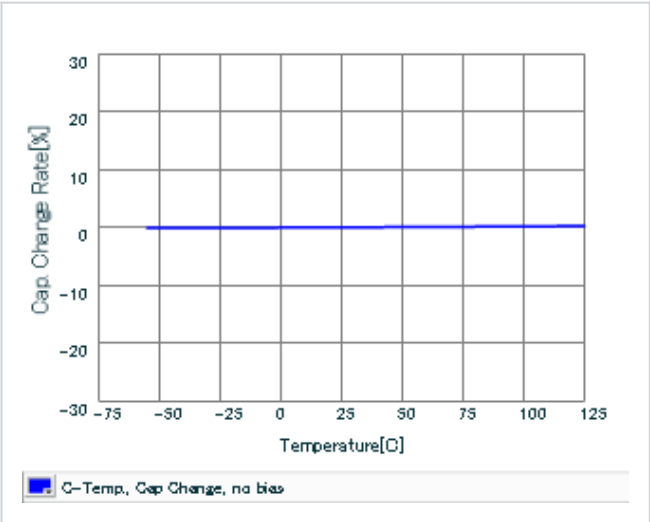
DC bias characteristics



AC voltage characteristics



Capacitance - temperature characteristics



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