

GRM15X5C1E181JDB4#

“ # ” indicates a package specification code.


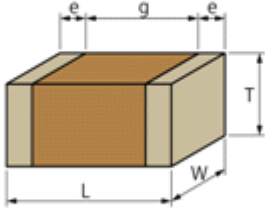
To be discontinued

Reflow OK

Complies with RoHS

< List of part numbers with package codes >
GRM15X5C1E181JDB4D , GRM15X5C1E181JDB4J

Shape



L size	1.0 ± 0.05mm
W size	0.5 ± 0.05mm
T size	0.25 ± 0.05mm
External terminal width e	0.1 to 0.3mm
Distance between external terminals g	0.4mm min.
Size code in inch(mm)	0402 (1005)

References

Packaging	Specifications	Minimum quantity
D	180mm Paper taping	10000
J	330mm Paper taping	50000

Mass (typ.)	
1 piece	0.90mg
180mm Reel	82g

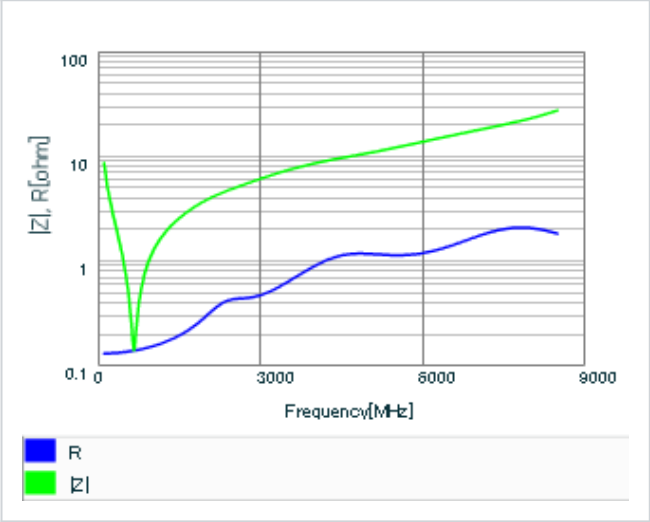
Specifications

Capacitance	180pF ± 5%
Rated voltage	25Vdc
Temperature characteristics (complied standard)	COG(EIA)
Temperature coefficient	0 ± 30ppm/
Temperature range of temperature characteristics	25 to 125
Operating temperature range	-55 to 125

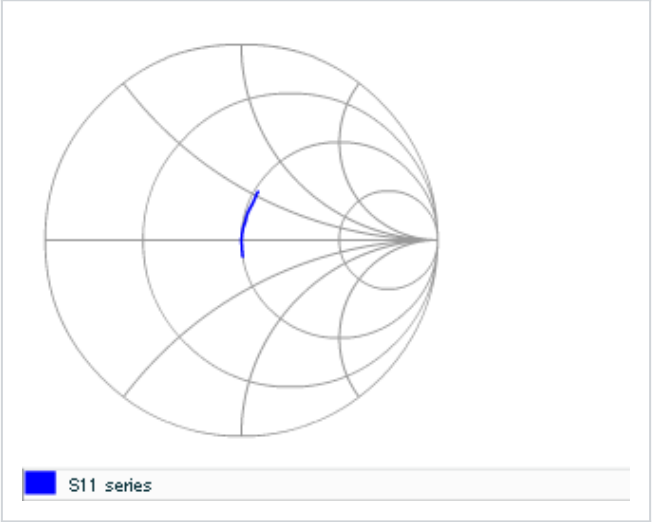
Attention

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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)



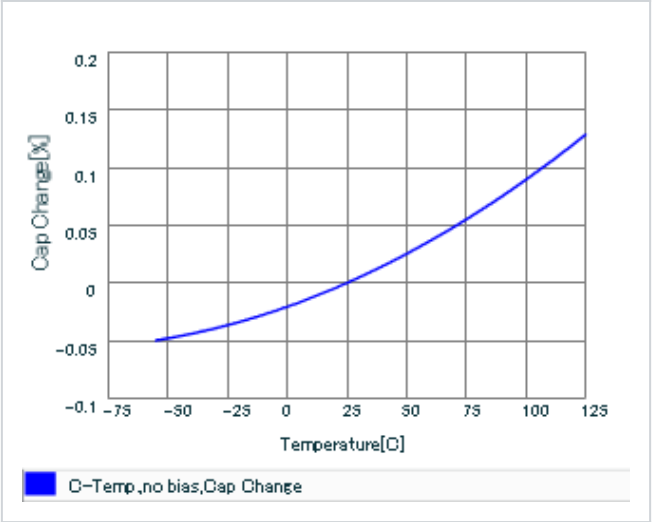
S parameter (Smith chart S11)



AC voltage characteristics



Capacitance - temperature characteristics



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