

GRM185R61C105KE44#

“ # ” indicates a package specification code.

Recommended

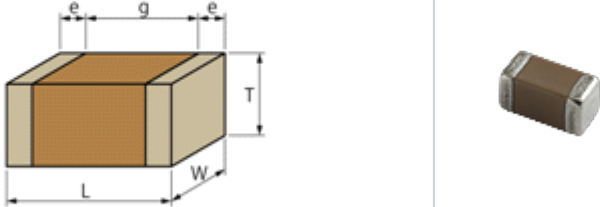
Flow OK

Reflow OK

Complies with RoHS

< List of part numbers with package codes >
GRM185R61C105KE44D , GRM185R61C105KE44J , GRM185R61C105KE44B

Shape

	
L size	1.6 ±0.1mm
W size	0.8 ±0.1mm
T size	0.5 +0/-0.1mm
External terminal width e	0.2 to 0.5mm
Distance between external terminals g (Min.)	0.5mm
Size code in mm(inch)	1608 (0603)

References

Packaging	Specifications	Minimum quantity
D	Paper tape (φ 180mm)	4000
J	Paper tape (φ 330mm)	10000
B	Packing in bulk	1000

Mass (typ.)	
1 piece	3mg
Reel (φ 180mm)	100g

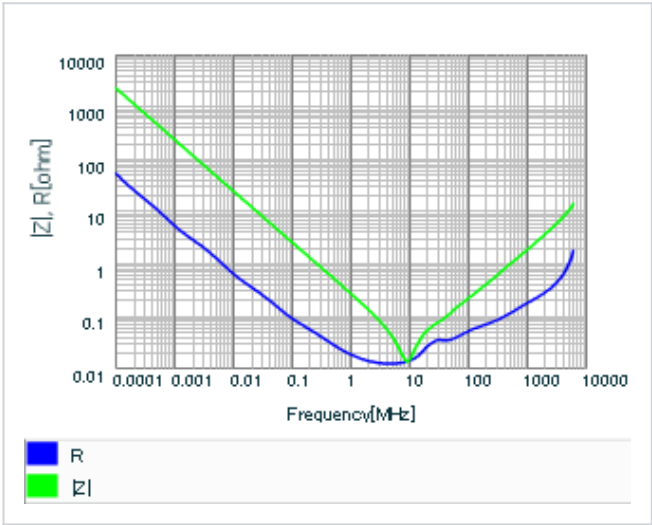
Specifications

Capacitance	1.0μF ±10%
Rated voltage	16Vdc
Temperature characteristics (complied standard)	X5R(EIA)
Capacitance change rate	±15%
Temperature range of temperature characteristics	-55 to 85℃
Operating temperature range	-55 to 85℃

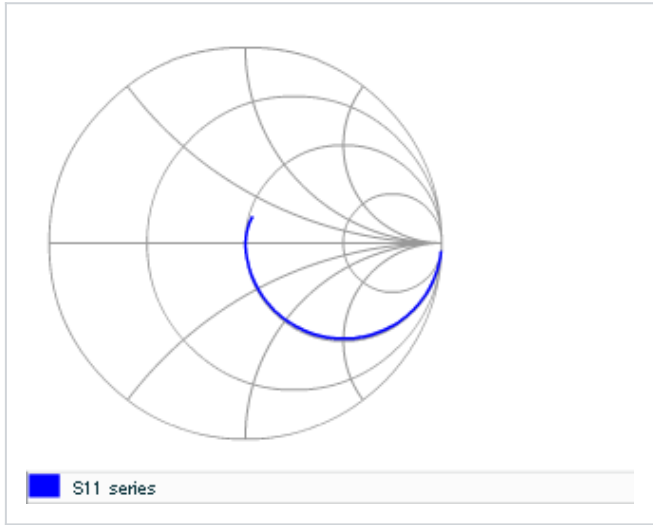
Attention

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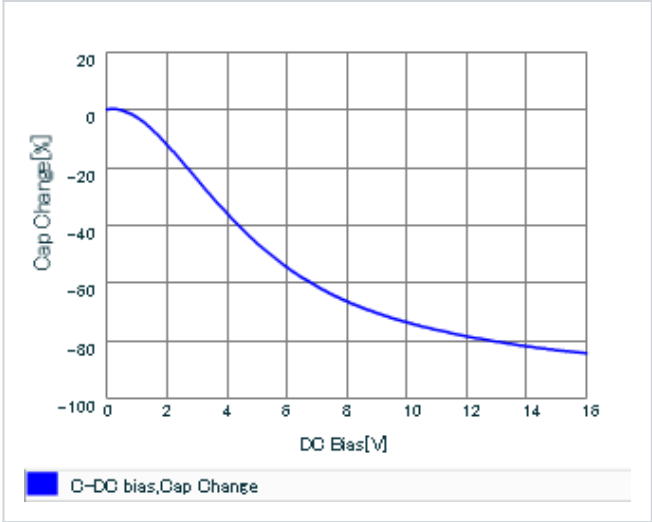
Frequency characteristics (ESR, Impedance)



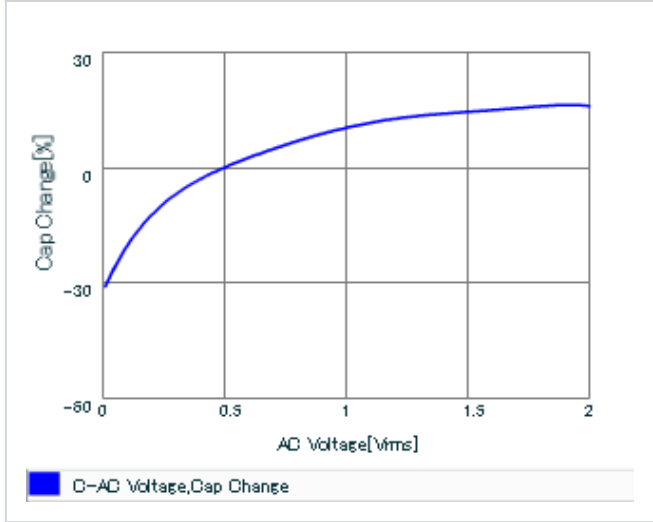
S parameter (Smith chart S11)



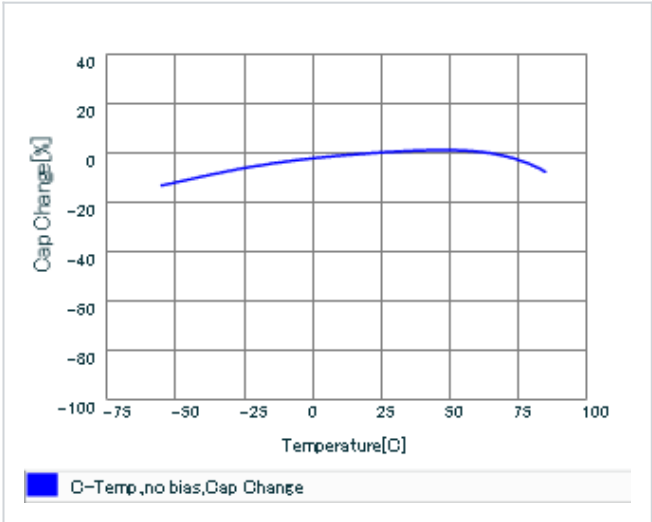
DC bias characteristics



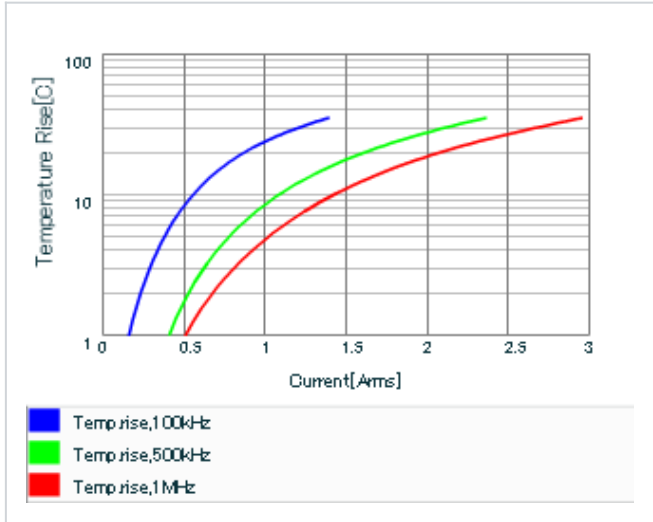
AC voltage characteristics



Capacitance - temperature characteristics



Calorific property by ripple current



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