

GRM188R72A472KA01#

" # " indicates a package specification code.

Recommended


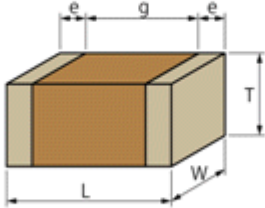
Flow OK

Reflow OK

Complies with RoHS

< List of part numbers with package codes >
GRM188R72A472KA01D , GRM188R72A472KA01J , GRM188R72A472KA01C , GRM188R72A472KA01B

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 (Min.)	0.5mm
Size code in mm(inch)	1608 (0603)

References

Packaging	Specifications	Minimum quantity
D	Paper tape (180mm)	4000
J	Paper tape (330mm)	10000
C	Bulk case	15000
B	Packing in bulk	1000

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

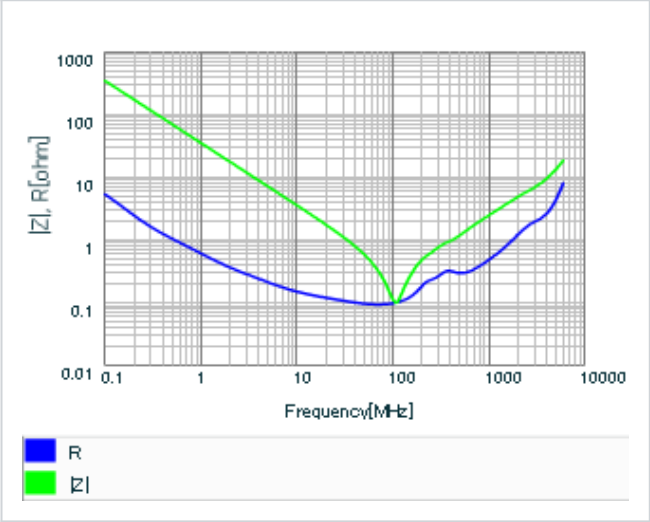
Specifications

Capacitance	4700pF ± 10%
Rated voltage	100Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	± 15%
Temperature range of temperature characteristics	-55 to 125
Operating temperature range	-55 to 125

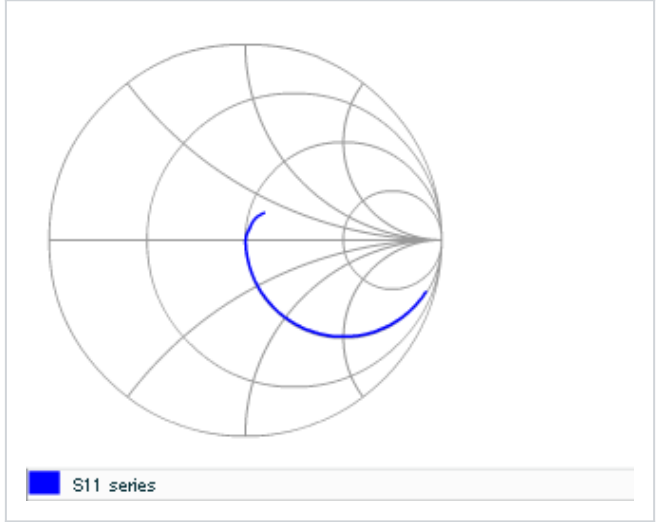
⚠ Attention

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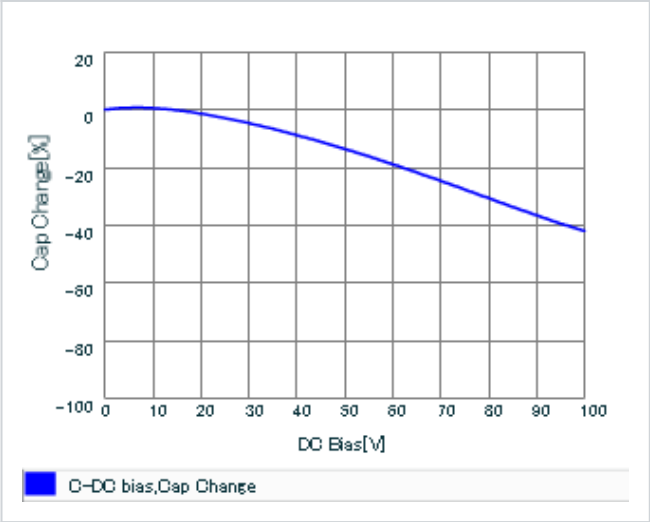
Frequency characteristics (ESR, Impedance)



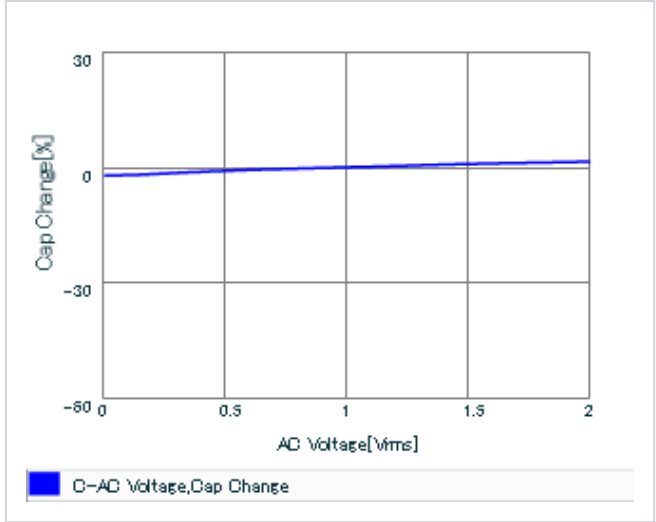
S parameter (Smith chart S11)



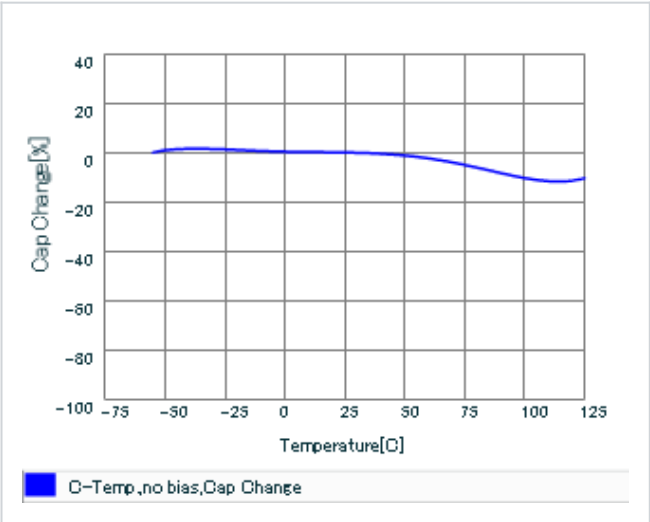
DC bias characteristics



AC voltage characteristics



Capacitance - temperature characteristics



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