

GRM033R11C471KA01#

" # " indicates a package specification code.

Available

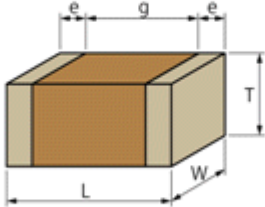
Reflow OK

Complies with RoHS

Ultra-compact

< List of part numbers with package codes >
GRM033R11C471KA01D , GRM033R11C471KA01J , GRM033R11C471KA01C , GRM033R11C471KA01B

Shape



L size	0.6 ± 0.03mm
W size	0.3 ± 0.03mm
T size	0.3 ± 0.03mm
External terminal width e	0.1 to 0.2mm
Distance between external terminals g (Min.)	0.2mm
Size code in mm(inch)	0603 (0201)

References

Packaging	Specifications	Minimum quantity
D	Paper tape (φ 180mm)	15000
J	Paper tape (φ 330mm)	50000
C	Bulk case	50000
B	Packing in bulk	1000

Mass (typ.)	
1 piece	0.33mg
Reel (φ 180mm)	118g

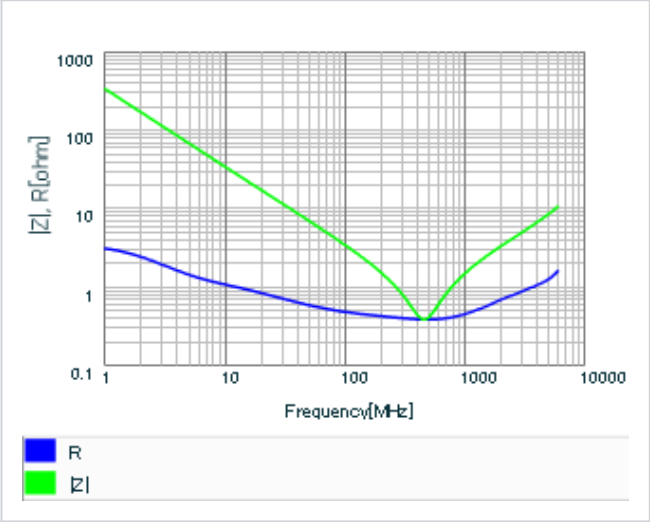
Specifications

Capacitance	470pF ± 10%
Rated voltage	16Vdc
Temperature characteristics (complied standard)	R(JIS)
Capacitance change rate	± 15%
Temperature range of temperature characteristics	-55 to 125
Operating temperature range	-55 to 125

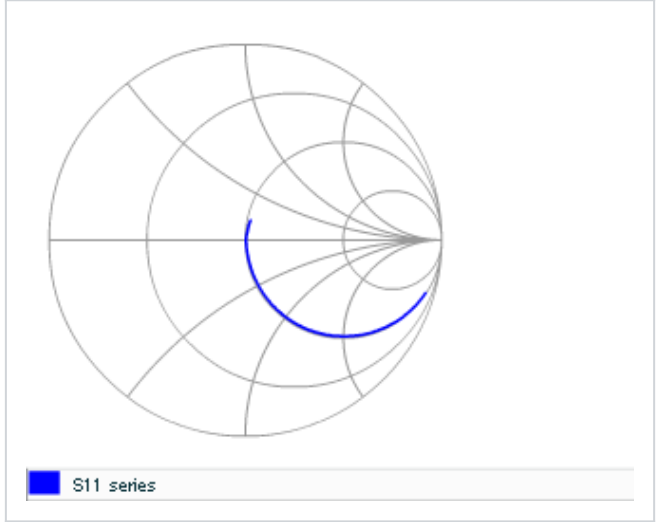
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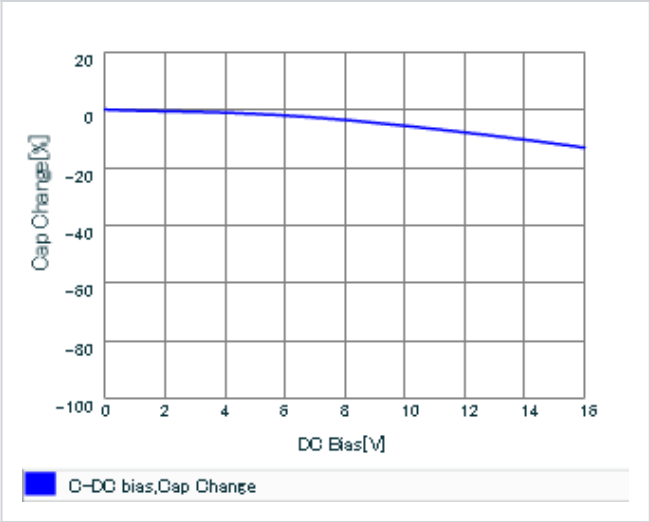
▪ Frequency characteristics (ESR, Impedance)



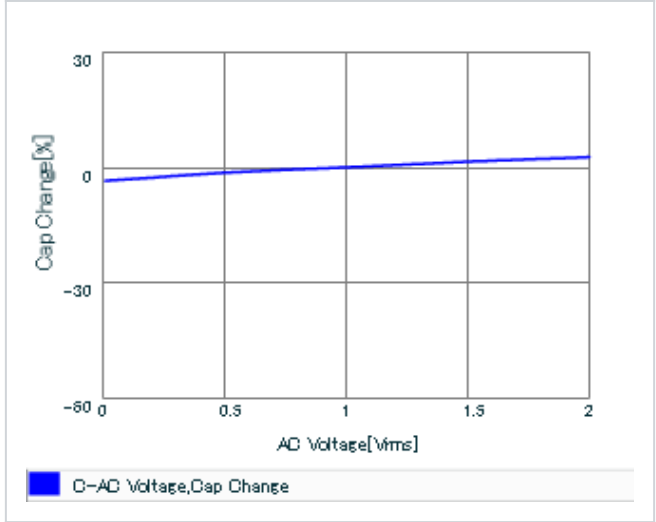
▪ S parameter (Smith chart S11)



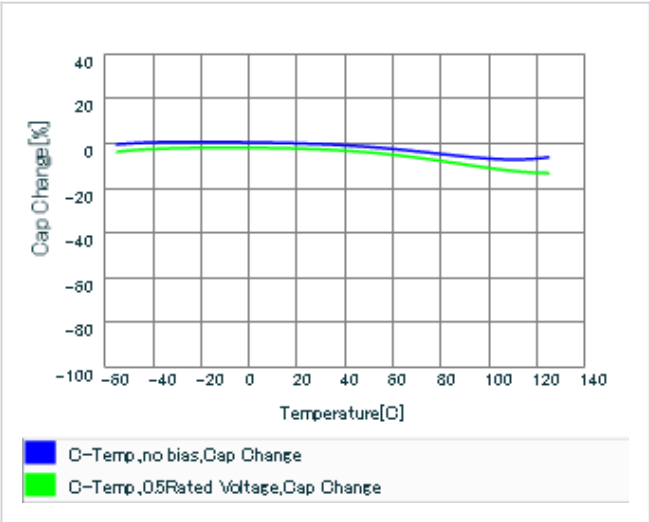
▪ DC bias characteristics



▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



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