

GRM155R71C103KA01#

" # " indicates a package specification code.

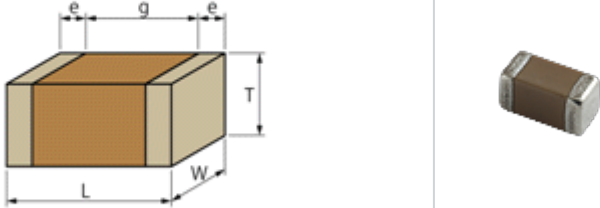
Available

Reflow OK

Complies with RoHS

< List of part numbers with package codes >
GRM155R71C103KA01D , GRM155R71C103KA01J , GRM155R71C103KA01C , GRM155R71C103KA01B

Shape

	
L size	1.0 ± 0.05mm
W size	0.5 ± 0.05mm
T size	0.5 ± 0.05mm
External terminal width e	0.15 to 0.35mm
Distance between external terminals g (Min.)	0.3mm
Size code in mm(inch)	1005 (0402)

References

Packaging	Specifications	Minimum quantity
D	Paper tape (180mm)	10000
J	Paper tape (330mm)	50000
C	Bulk case	50000
B	Packing in bulk	1000

Mass (typ.)	
1 piece	1.6mg
Reel (180mm)	118g

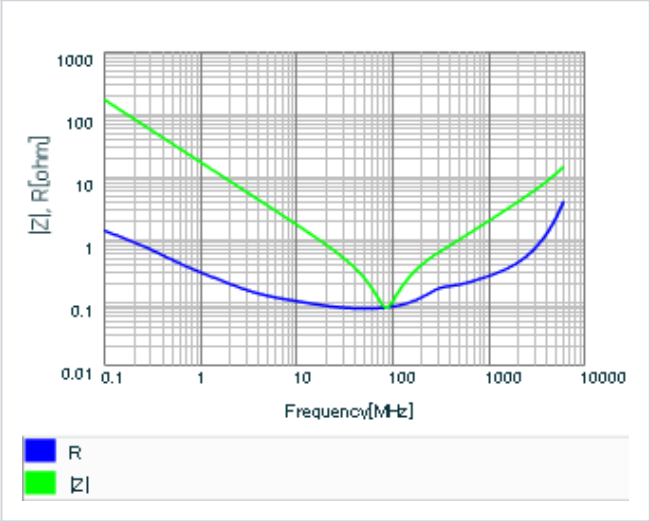
Specifications

Capacitance	10000pF ± 10%
Rated voltage	16Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	± 15%
Temperature range of temperature characteristics	-55 to 125
Operating temperature range	-55 to 125

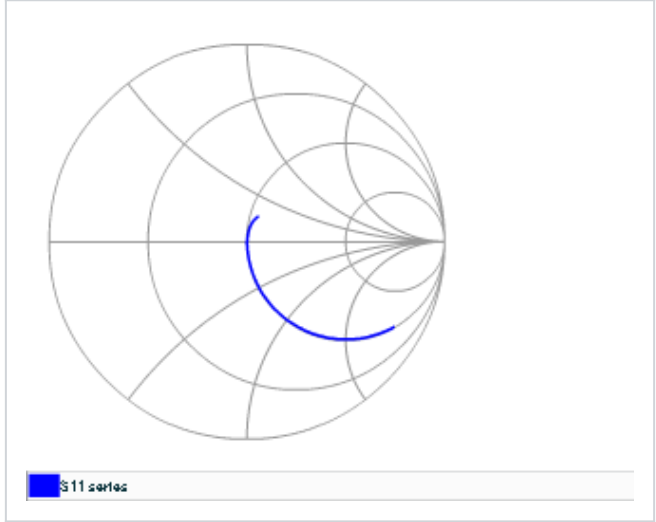
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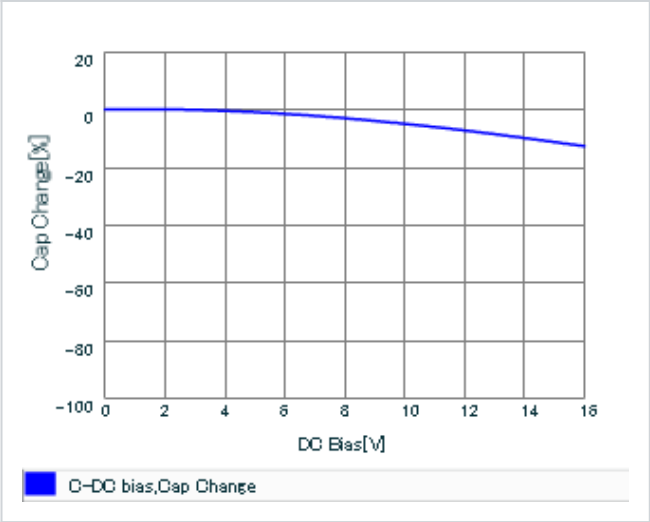
Frequency characteristics (ESR, Impedance)



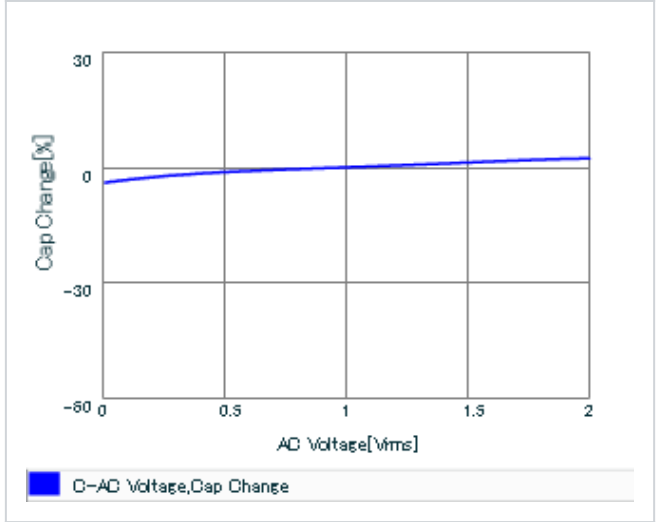
S parameter (Smith chart S11)



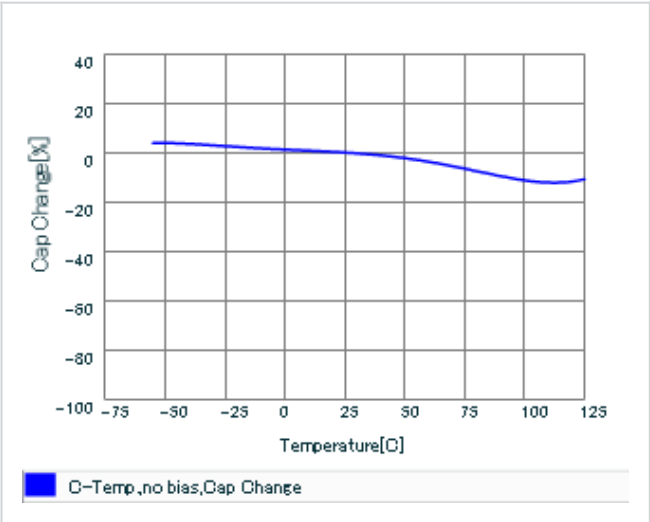
DC bias characteristics



AC voltage characteristics



Capacitance - temperature characteristics



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