

GRM31CR71E106KA12#

" # " indicates a package specification code.



< List of part numbers with package codes >
 GRM31CR71E106KA12L , GRM31CR71E106KA12K , GRM31CR71E106KA12B

Shape



L size	3.2 ± 0.2mm
W size	1.6 ± 0.2mm
T size	1.6 ± 0.2mm
External terminal width e	0.3 to 0.8mm
Distance between external terminals g (Min.)	1.5mm
Size code in mm(inch)	3216 (1206)

References

Packaging	Specifications	Minimum quantity
L	Embossed tape (180mm)	2000
K	Embossed tape (330mm)	6000
B	Packing in bulk	1000

Mass (typ.)	
1 piece	52mg
Reel (180mm)	160g

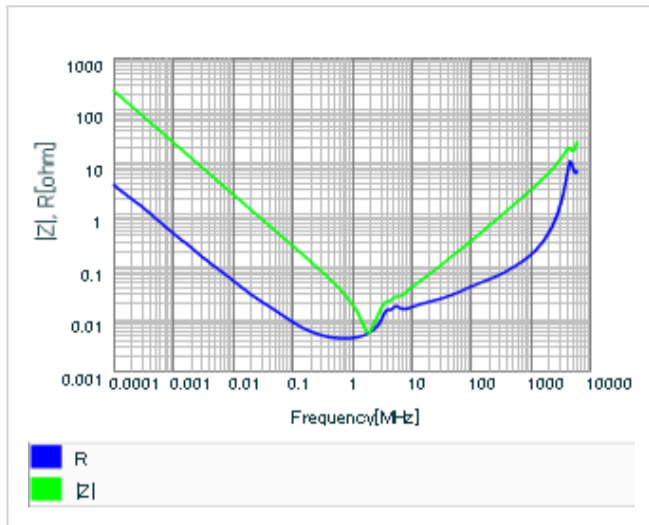
Specifications

Capacitance	10µF ± 10%
Rated voltage	25Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	± 15%
Temperature range of temperature characteristics	-55 to 125
Operating temperature range	-55 to 125

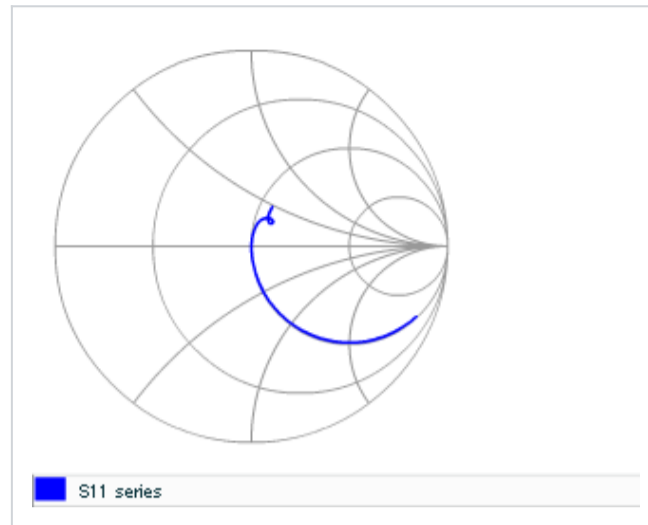
⚠ Attention

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- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

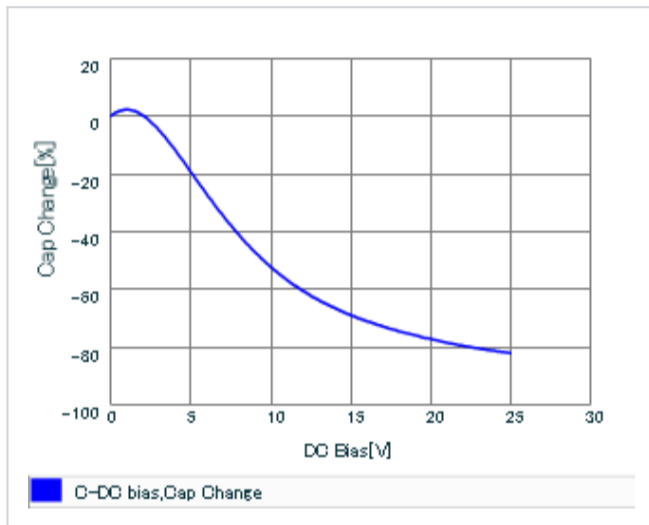
▪ Frequency characteristics (ESR, Impedance)



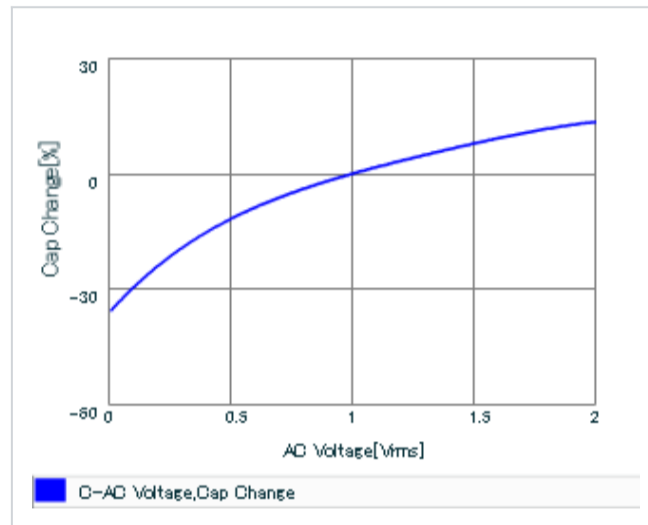
▪ S parameter (Smith chart S11)



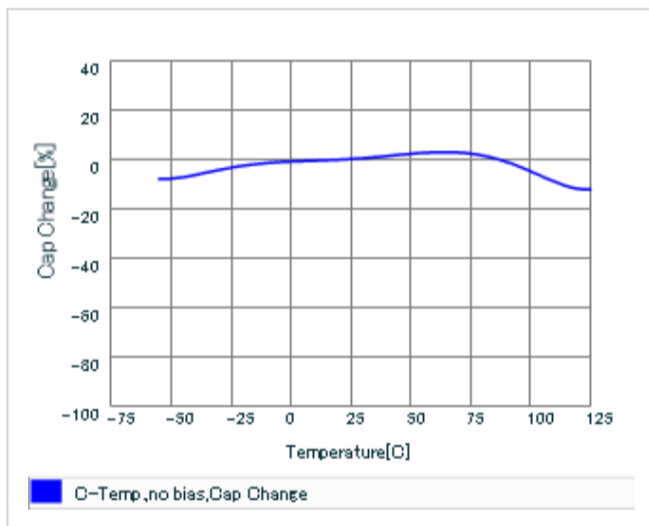
▪ DC bias characteristics



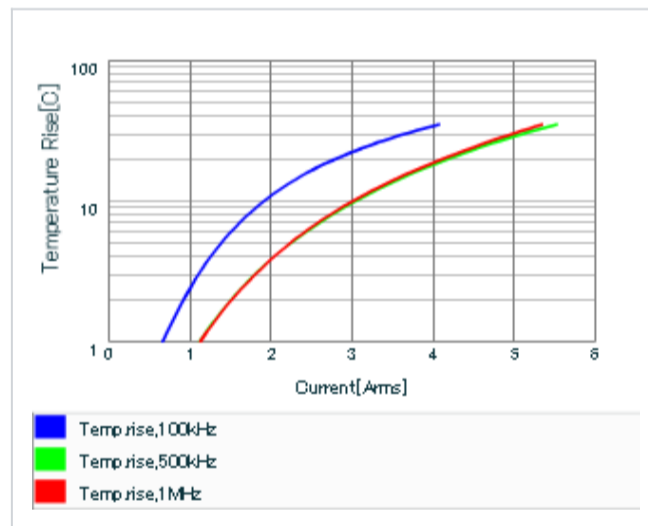
▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current



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