

GRM55DR72E105KW01#

"#" indicates a package specification code.



< List of part numbers with package codes >
GRM55DR72E105KW01L , GRM55DR72E105KW01K

Shape



L size	5.7 ± 0.4mm
W size	5.0 ± 0.4mm
T size	2.0 +0.0/-0.3mm
External terminal width e	0.3mm min.
Distance between external terminals g	3.0mm min.
Size code in inch(mm)	2220 (5750)

References

Packaging	Specifications	Minimum quantity
L	180mm Embossed taping	1000
K	330mm Embossed taping	4000

Mass (typ.)	
1 piece	290mg
180mm Reel	347g

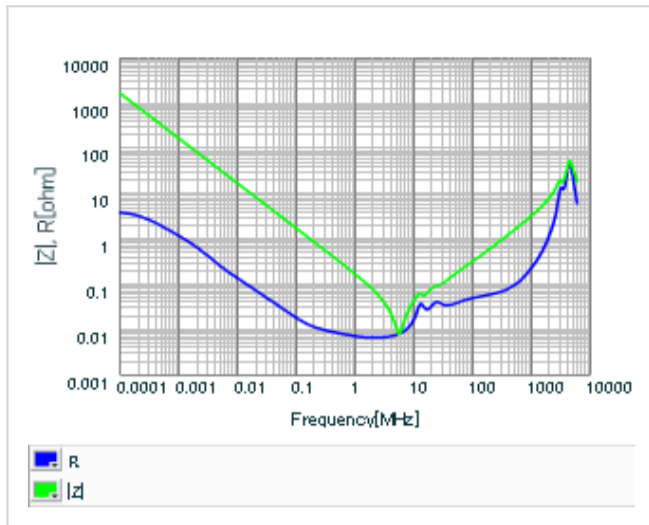
Specifications

Capacitance	1.0μF ± 10%
Rated voltage	250Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	± 15.0%
Temperature range of temperature characteristics	-55 to 125
Operating temperature range	-55 to 125

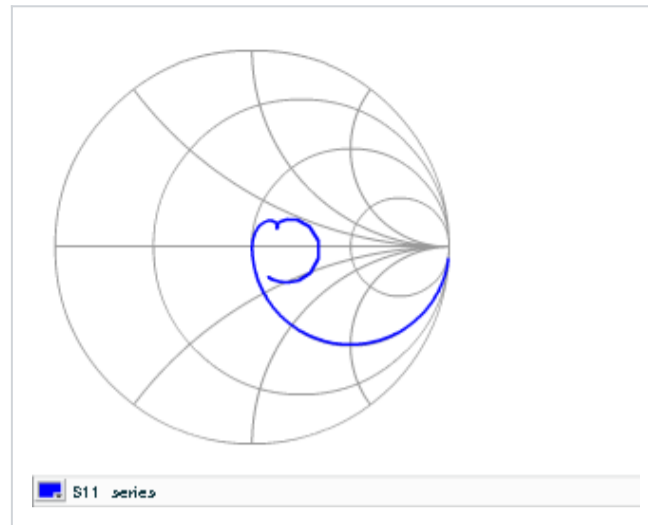
⚠ Attention

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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.

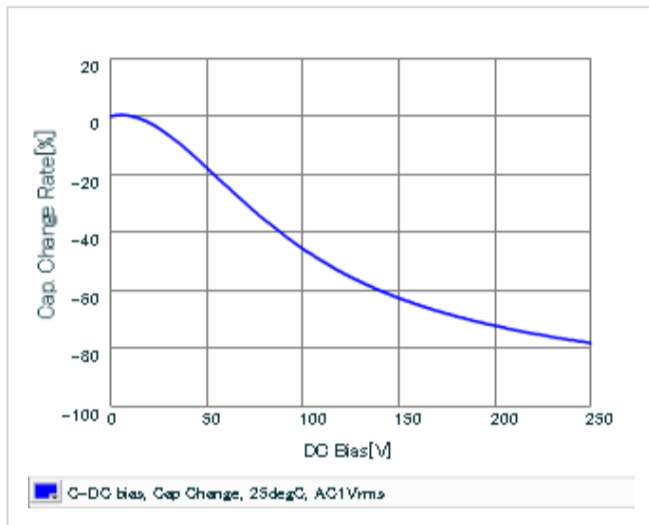
▪ Frequency characteristics (ESR, Impedance)



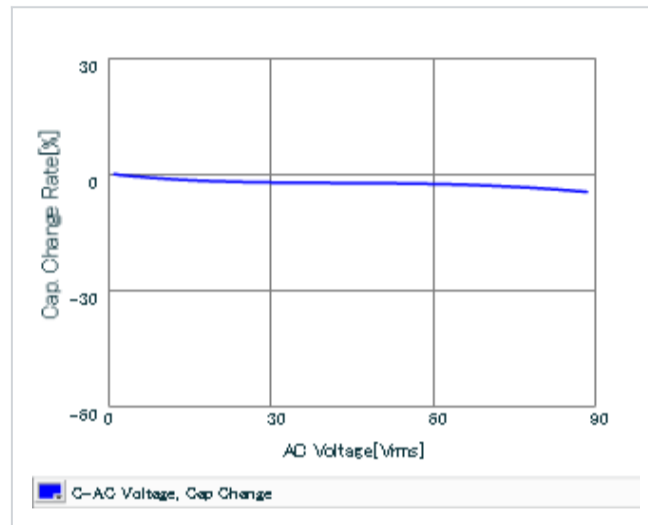
▪ S parameter (Smith chart S11)



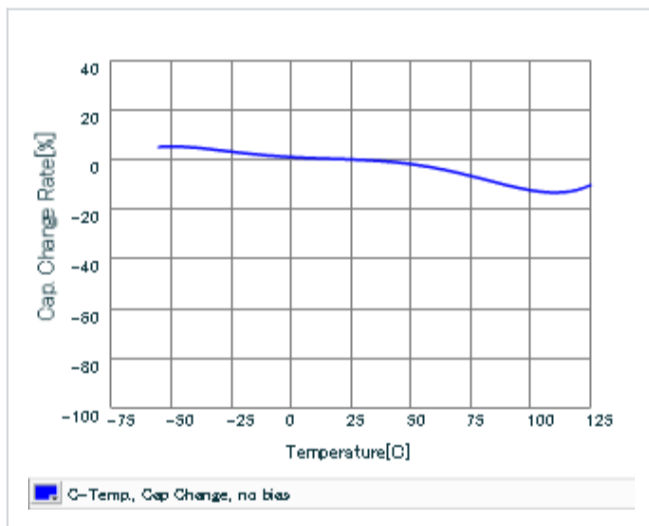
▪ DC bias characteristics



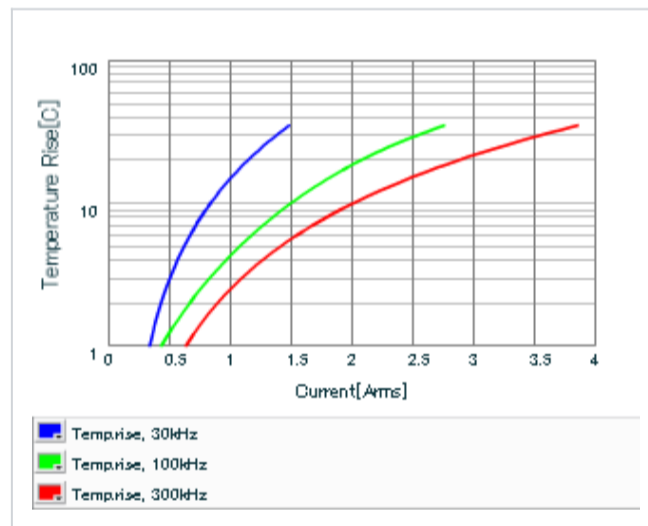
▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current



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