

# GRM32QR72J223KW01#

" # " indicates a package specification code.



< List of part numbers with package codes >  
GRM32QR72J223KW01L , GRM32QR72J223KW01K

## Shape



L size	3.2 ± 0.3mm
W size	2.5 ± 0.2mm
T size	1.5 +0.0/-0.3mm
External terminal width e	0.3mm min.
Distance between external terminals g	1.2mm min.
Size code in inch(mm)	1210 (3225)

## References

Packaging	Specifications	Minimum quantity
L	180mm Embossed taping	2000
K	330mm Embossed taping	8000

Mass (typ.)	
1 piece	74mg

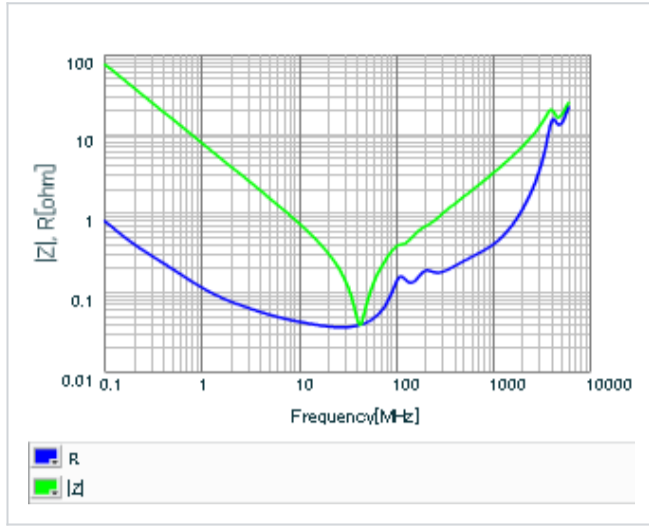
## Specifications

Capacitance	22000pF ± 10%
Rated voltage	630Vdc
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

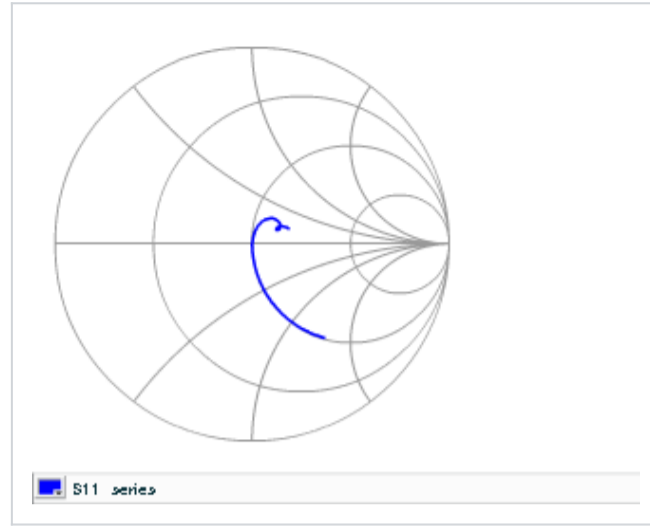
### ⚠ Attention

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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.

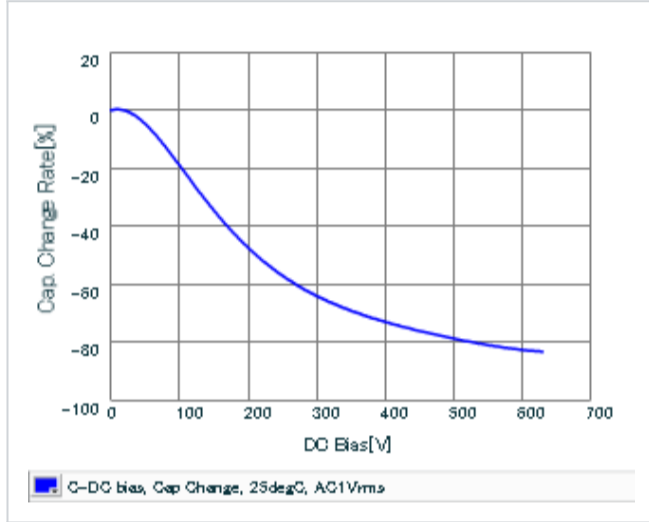
▪ Frequency characteristics (ESR, Impedance)



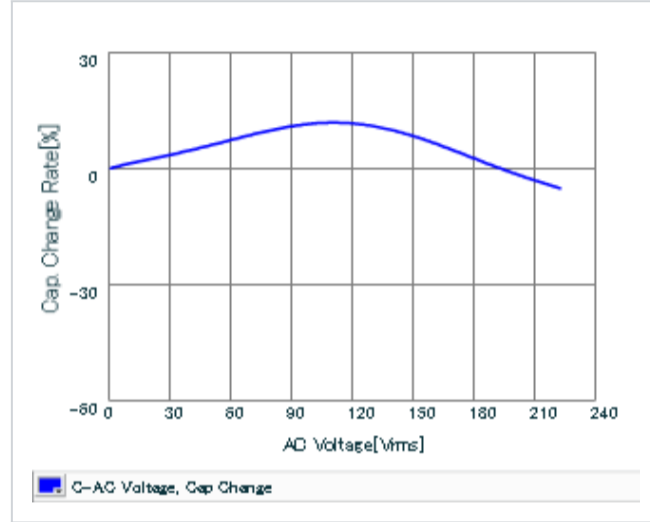
▪ S parameter (Smith chart S11)



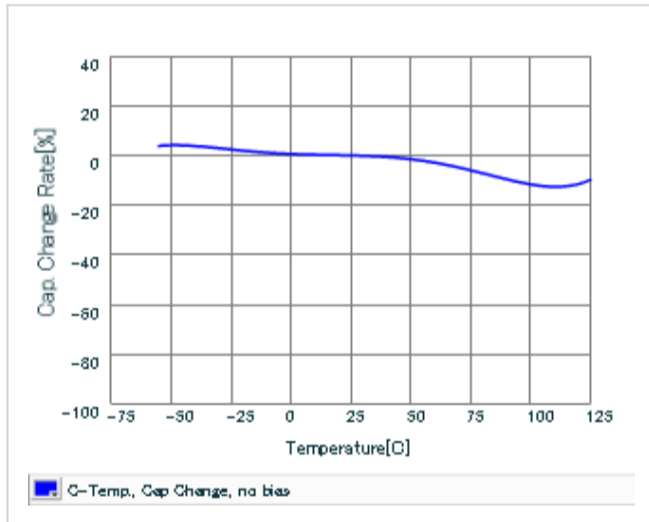
▪ DC bias characteristics



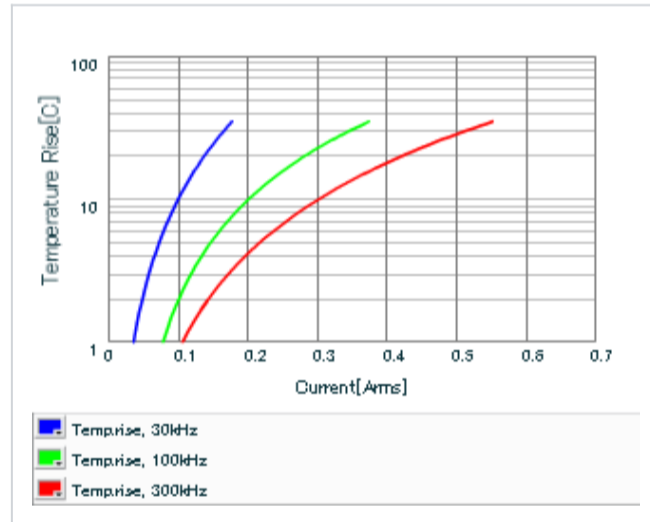
▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



▪ Calorific property by ripple current



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