

GRM188R72A471MA01#

“ # ” indicates a package specification code.

In Production

General

125℃

Reflow OK

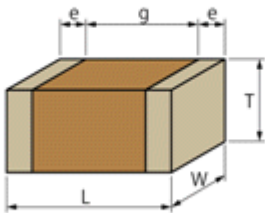
Flow OK

RoHS

REACH

< List of part numbers with package codes >
GRM188R72A471MA01D , GRM188R72A471MA01J

Shape





L size	1.6 ±0.1mm
W size	0.8 ±0.1mm
T size	0.8 ±0.1mm
External terminal width e	0.2 to 0.5mm
Distance between external terminals g	0.5mm min.
Size code in inch(mm)	0603 (1608)

References

Packaging	Specifications	Minimum quantity
D	φ 180mm Paper taping	4000
J	φ 330mm Paper taping	10000

Mass (typ.)	
1 piece	6.3mg
φ 180mm Reel	144g

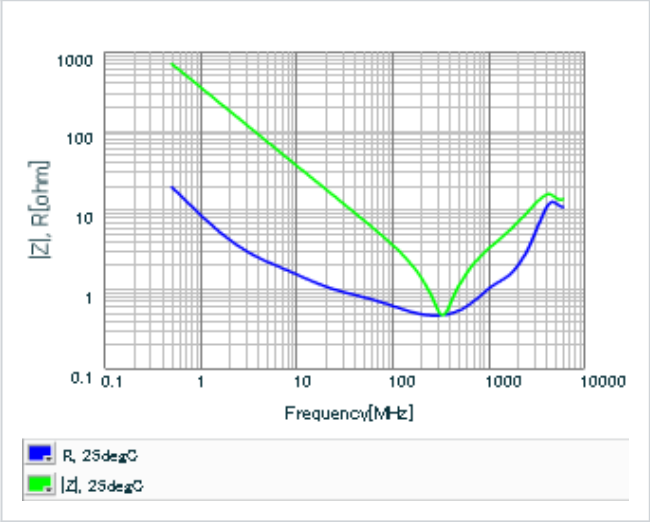
Specifications

Capacitance	470pF ±20%
Rated voltage	100Vdc
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℃

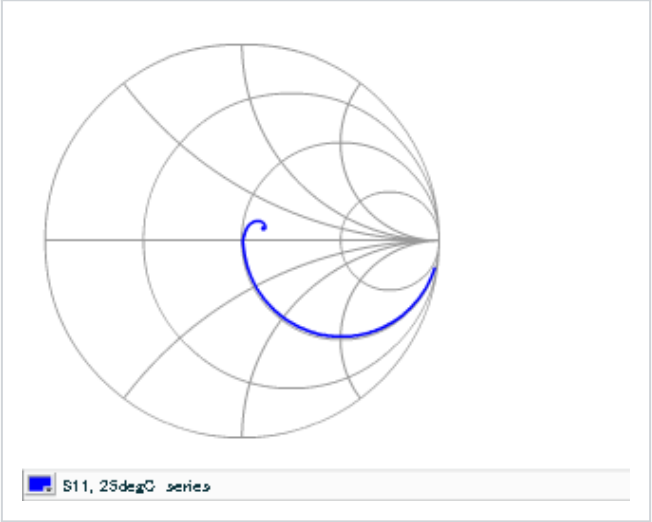
⚠ Attention

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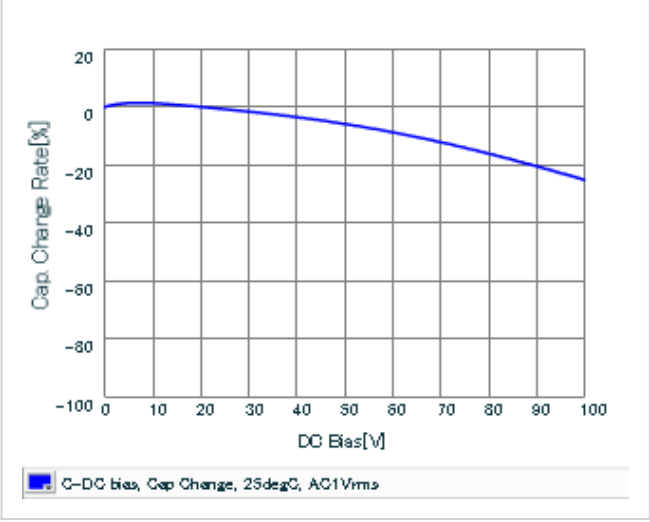
Frequency characteristics (ESR, Impedance)



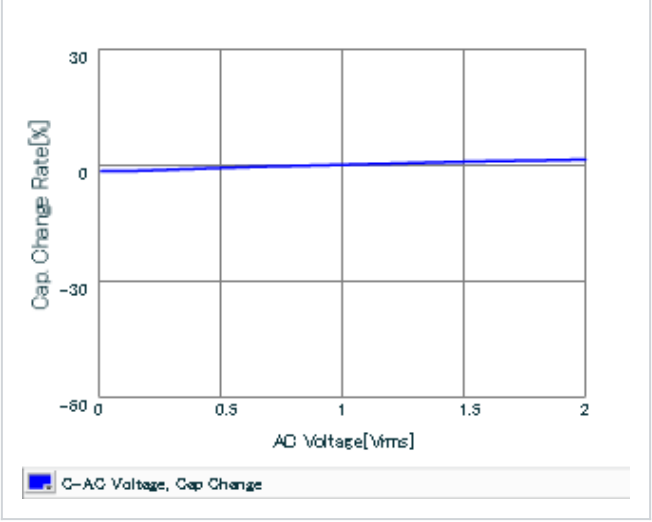
S parameter (Smith chart S11)



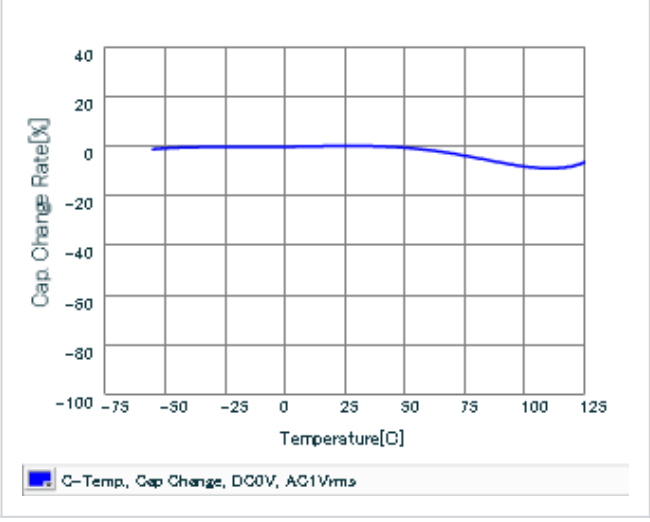
DC bias characteristics



AC voltage characteristics



Capacitance - temperature characteristics



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