

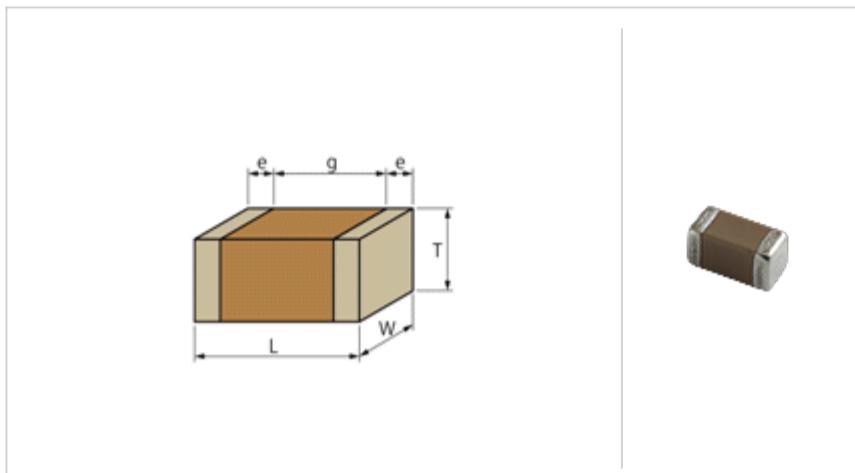
GRM188R72A472KA01#

" # " indicates a package specification code.



< List of part numbers with package codes >
 GRM188R72A472KA01D , GRM188R72A472KA01J , GRM188R72A472KA01C , GRM188R72A472KA01B

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 (Min.)	0.5mm
Size code in mm(inch)	1608 (0603)

References

Packaging	Specifications	Minimum quantity
D	Paper tape (180mm)	4000
J	Paper tape (330mm)	10000
C	Bulk case	15000
B	Packing in bulk	1000

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

Specifications

Capacitance	4700pF ± 10%
Rated voltage	100Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	± 15%
Temperature range of temperature characteristics	-55 to 125
Operating temperature range	-55 to 125

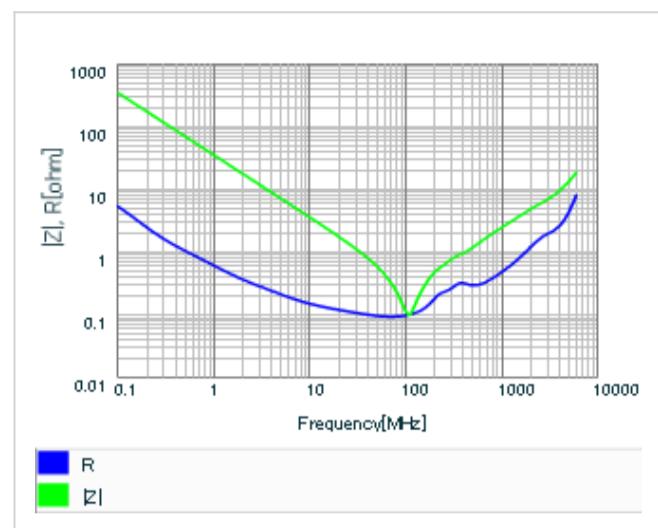
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⚠ Attention

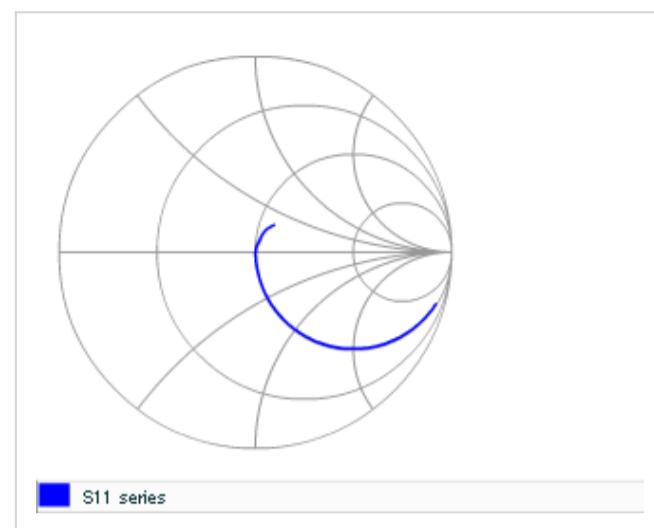
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- This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

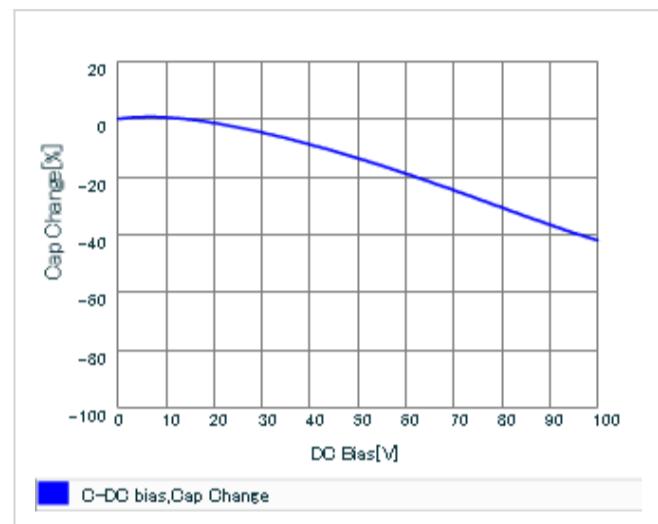
■ Frequency characteristics (ESR, Impedance)



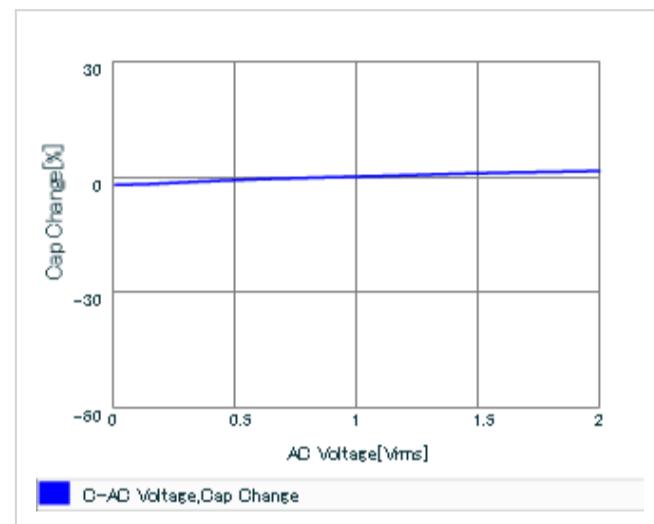
■ S parameter (Smith chart S11)



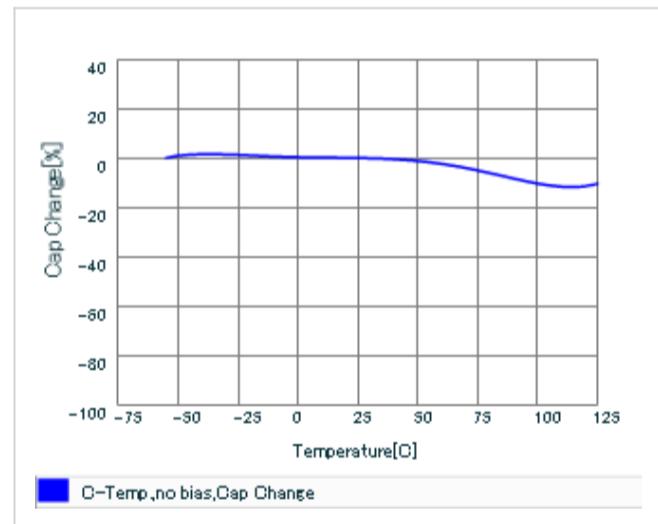
■ DC bias characteristics



■ AC voltage characteristics



■ Capacitance - temperature characteristics



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Last updated: 2013/03/10