

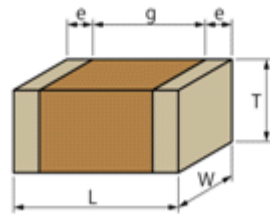
# GRM188R71H103KA01#

" # " indicates a package specification code.



< List of part numbers with package codes >  
 GRM188R71H103KA01D , GRM188R71H103KA01J

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 mm(inch)	1608 (0603)

Specifications

Capacitance	10000pF ± 10%
Rated voltage	50Vdc
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

References

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

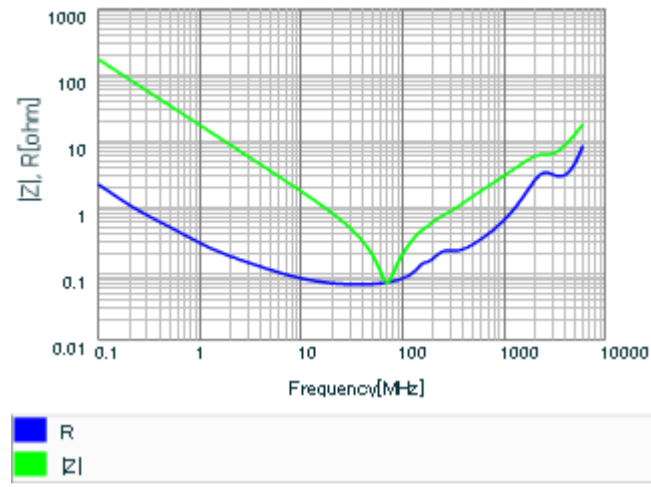
	Mass (typ.)
1 piece	6.3mg
180mm Reel	144g

**Attention**

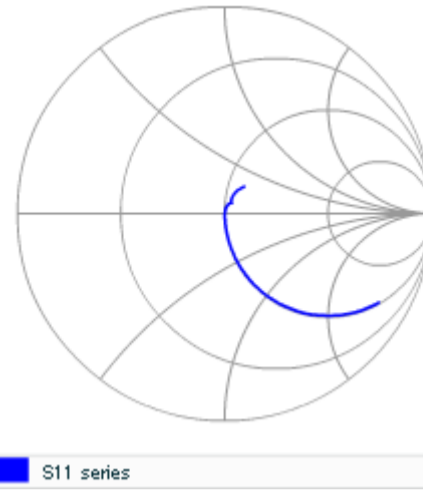
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- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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

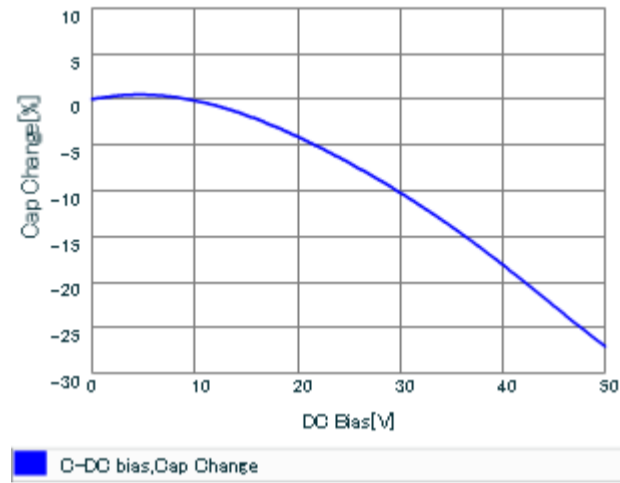
Frequency characteristics (ESR, Impedance)



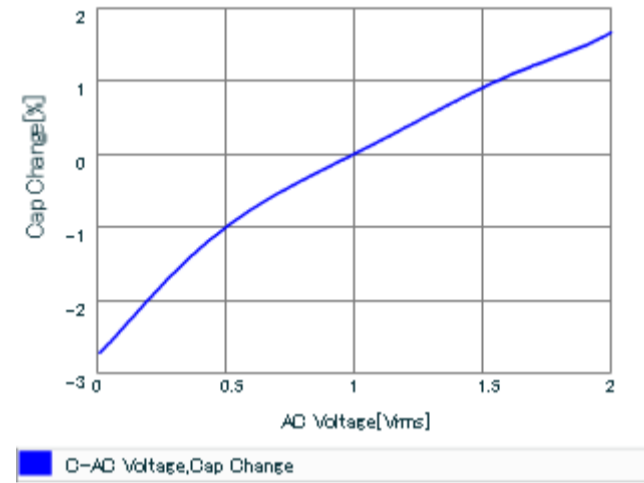
S parameter (Smith chart S11)



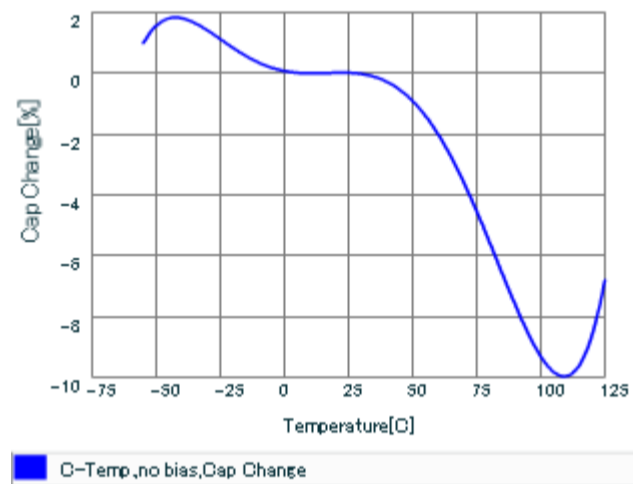
DC bias characteristics



AC voltage characteristics



Capacitance - temperature characteristics



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