

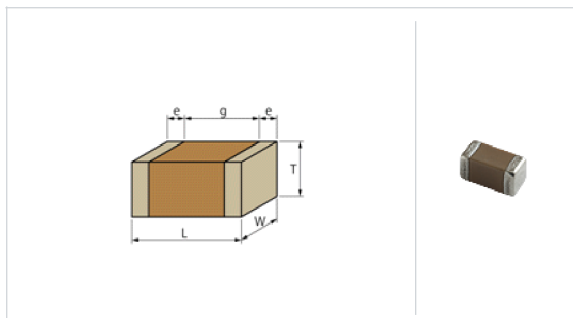
GRM15XR71H681KA86#

"#" indicates a package specification code.



< List of part numbers with package codes >
GRM15XR71H681KA86D , GRM15XR71H681KA86J

Shape



L size	1.0 ± 0.05mm
W size	0.5 ± 0.05mm
T size	0.25 ± 0.05mm
External terminal width e	0.1 to 0.3mm
Distance between external terminals g	0.4mm min.
Size code in mm(inch)	1005 (0402)

References

Packaging	Specifications	Minimum quantity
D	φ 180mm Paper taping	10000
J	φ 330mm Paper taping	50000

Mass (typ.)	
1 piece	0.90mg
φ 180mm Reel	82g

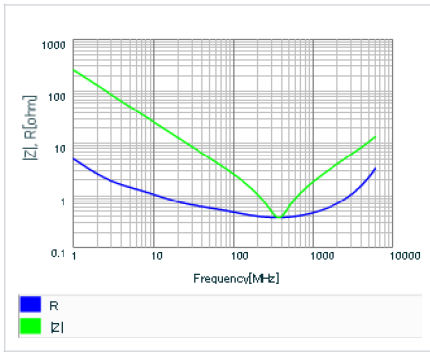
Specifications

Capacitance	680pF ± 10%
Rated voltage	50Vdc
Temperature characteristics (complied standard)	X7R(EIA)
Capacitance change rate	± 15.0%
Temperature range of temperature characteristics	-55 to 125°C
Operating temperature range	-55 to 125°C

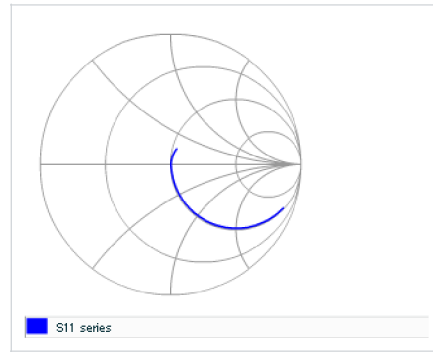
⚠ Attention

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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.

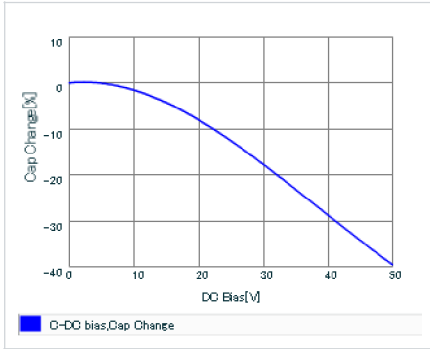
▪ Frequency characteristics (ESR, Impedance)



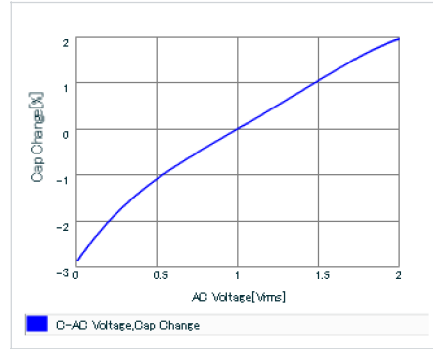
▪ S parameter (Smith chart S11)



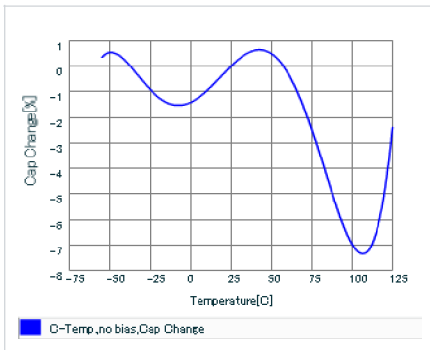
▪ DC bias characteristics



▪ AC voltage characteristics



▪ Capacitance - temperature characteristics



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