

GRM1555C1H680GA01#

“#” indicates a package specification code.



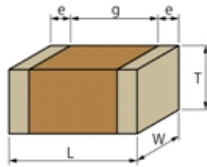
< List of part numbers with package codes >

GRM1555C1H680GA01D

GRM1555C1H680GA01W

GRM1555C1H680GA01J

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	10000
W	180mm Paper Tape (W8P1)	20000
J	330mm Paper Tape	50000

Mass (typ.)	
1 piece	1.6mg
φ180mm Reel	118g

Attention

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Specifications

Length	1.0±0.05mm
Width	0.5±0.05mm
Thickness	0.5±0.05mm
Capacitance	68pF ±2%
Distance between external terminals g	0.3mm min.
External terminal size e	0.15 to 0.35mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	50Vdc
Size code in inch(mm)	0402 (1005M)
TC	0±30ppm/°C
Temperature characteristics (complied standard)	C0G(EIA)
Temperature range of temperature characteristics	25°C to 125°C

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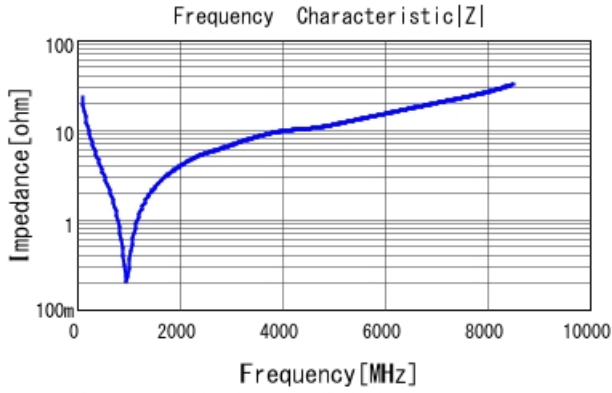
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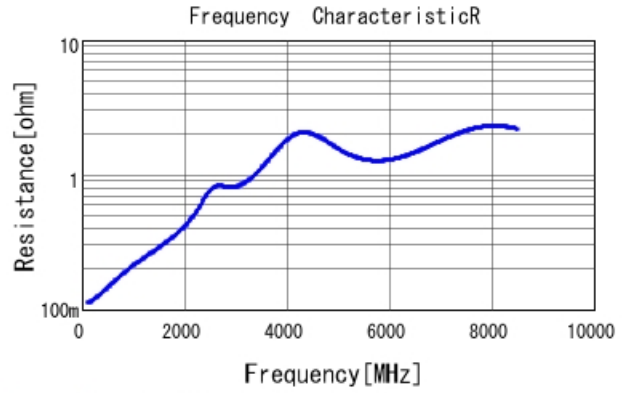


Characteristic Data

The charts below may show another part number which shares its characteristics.



GRM1555C1H680GA01 |Z| DCOV, 25degC



GRM1555C1H680GA01 R DCOV, 25degC



GRM1555C1H680GA01 C-DC bias capchange, 25.0degC, A



GRM1555C1H680GA01 C-AC Voltage capchange, DCOV, 25

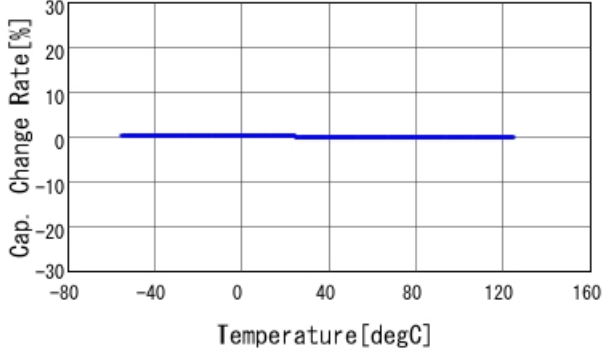
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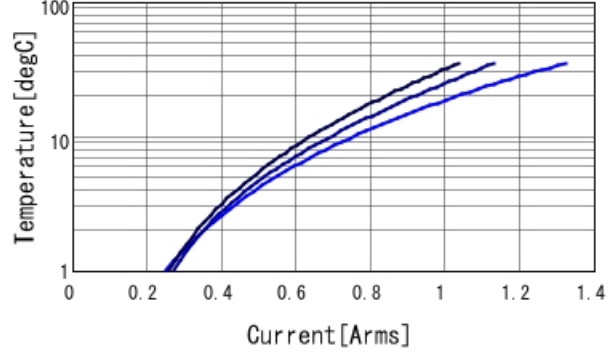
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Temperature Characteristics



GRM1555C1H680GA01 C-Temp. capchange, DCOV, AC1Vrms

Temp. Rise from ripple Characteristics



GRM1555C1H680GA01 Temp. rise — 200MHz — 500

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