

GRM155R61H105ME05#

“#” indicates a package specification code.

In Production
General
RoHS
REACH
85 °C max.
Reflow OK
Derating 1
For only mobile devices

< List of part numbers with package codes >

GRM155R61H105ME05D GRM155R61H105ME05J

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	10000
J	330mm Paper Tape	40000

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

Notices

Derating1. Only for mobile devices

Attention

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Specifications

Length	1.0±0.1mm
Width	0.5±0.1mm
Thickness	0.5±0.1mm
Capacitance	1.0μF ±20%
Distance between external terminals g	0.3mm min.
External terminal size e	0.15 to 0.35mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	50Vdc
Size code in inch(mm)	0402 (1005M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X5R(EIA)
Temperature range of temperature characteristics	-55°C to 85°C

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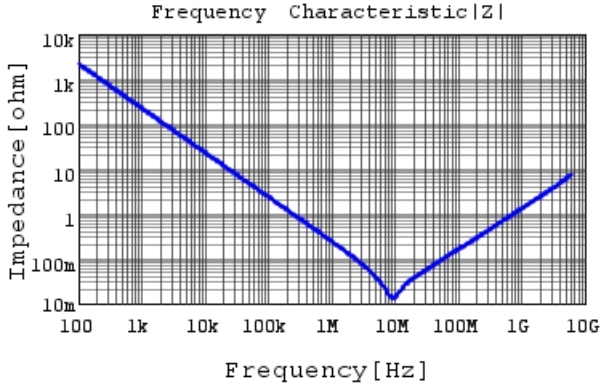
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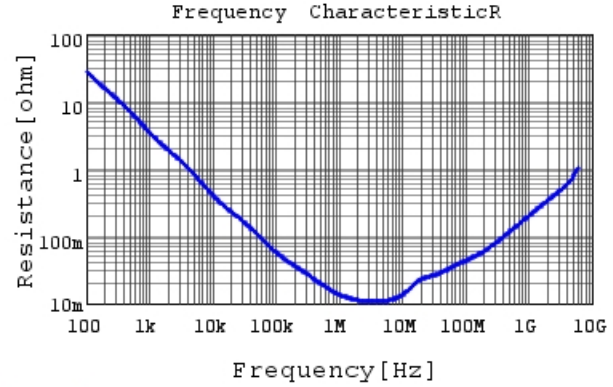


Characteristic Data

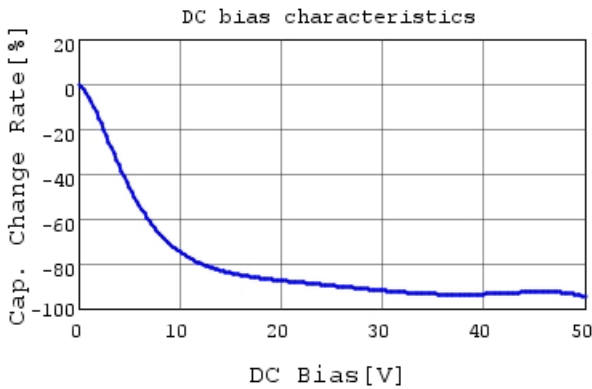
The charts below may show another part number which shares its characteristics.



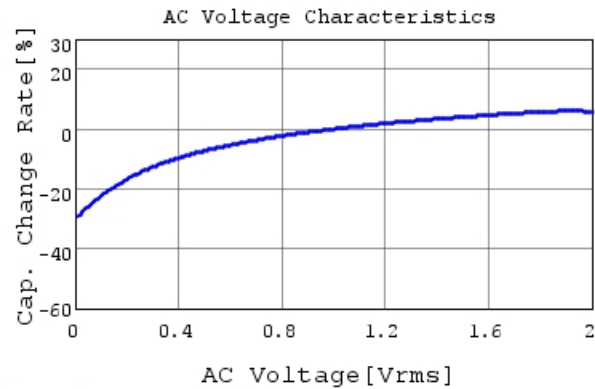
GRM155R61H105ME05 |Z| DCOV, 25degC



GRM155R61H105ME05 R DCOV, 25degC



GRM155R61H105ME05 C-DC bias capchange, 25.0c



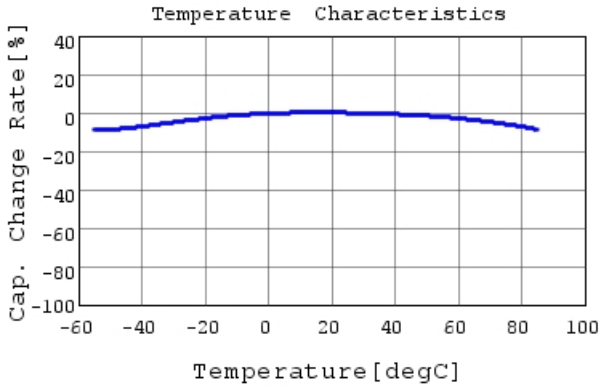
GRM155R61H105ME05 C-AC Voltage capchange, Dc

Attention

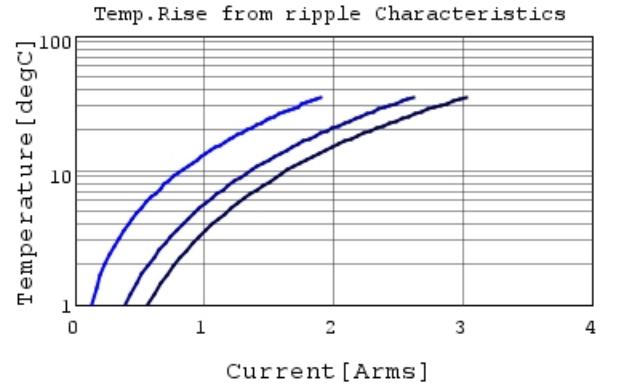
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GRM155R61H105ME05 C-Temp. capchange, DC0.0V,



GRM155R61H105ME05 Temp.rise — 100kHz —

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