

# GRM155R61C224MA12#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM155R61C224MA12D

GRM155R61C224MA12W

GRM155R61C224MA12J

## 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	0.22μF ±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	16Vdc
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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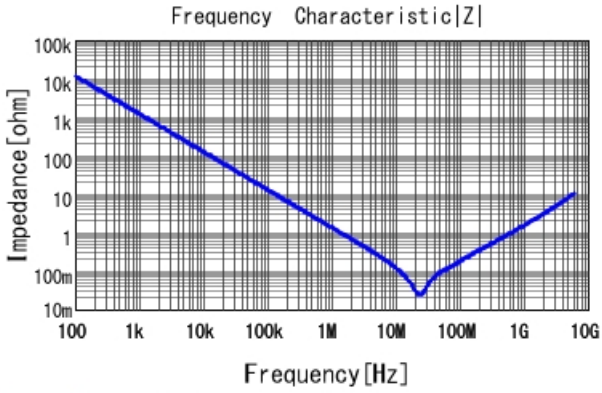
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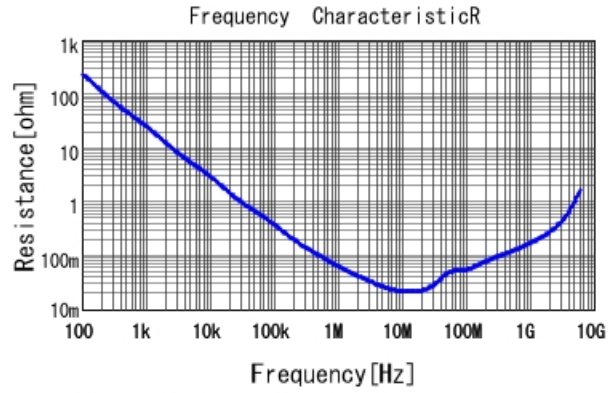


## Characteristic Data

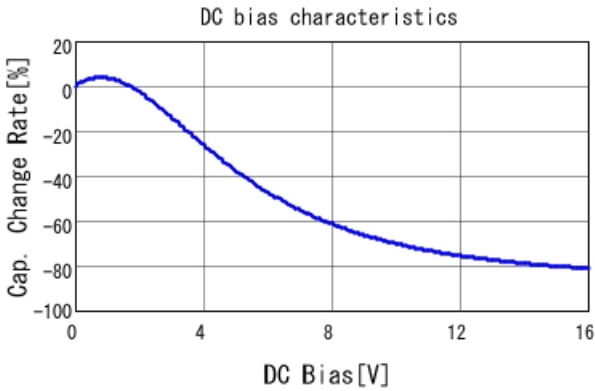
The charts below may show another part number which shares its characteristics.



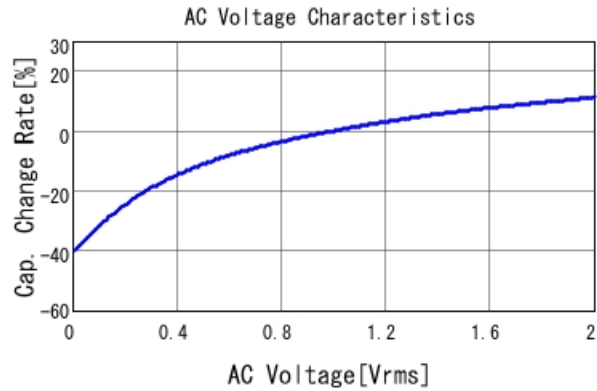
GRM155R61C224MA12 |Z| DCOV, 25degC



GRM155R61C224MA12 R DCOV, 25degC



GRM155R61C224MA12 C-DC bias capchange, 25.0degC, A



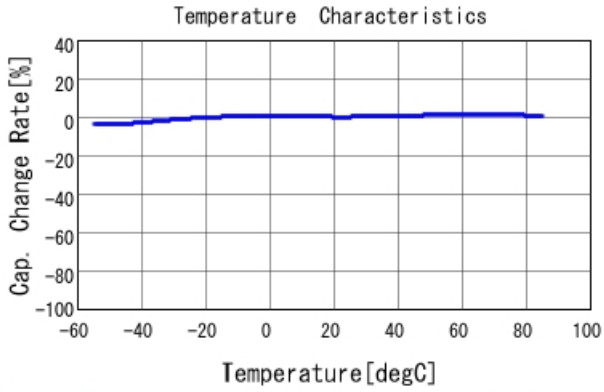
GRM155R61C224MA12 C-AC Voltage capchange, DCOV, 25

**Attention**

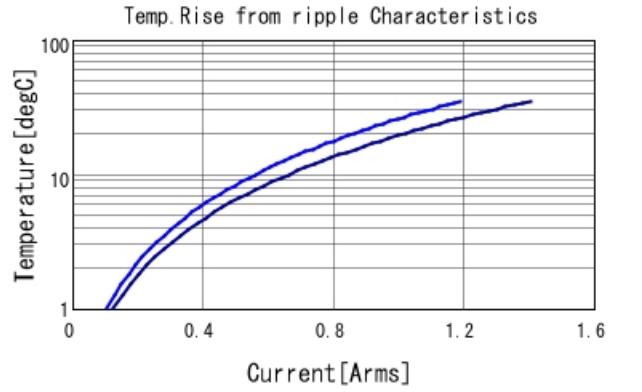
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GRM155R61C224MA12 C-Temp. capchange, DC0.0V, AC1.C



GRM155R61C224MA12 Temp. rise — 600kHz — 1MHz

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