

GRM033R61A224KE90#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM033R61A224KE90J

GRM033R61A224KE90D

GRM033R61A224KE90W

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
J	330mm Paper Tape	50000
D	180mm Paper Tape	15000
W	180mm Paper Tape (W8P1)	30000

Mass (typ.)	
1 piece	0.33mg
φ180mm Reel	118g

Notices

Derating1

Attention

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Specifications

Length	0.6±0.03mm
Width	0.3±0.03mm
Thickness	0.3±0.03mm
Capacitance	0.22μF ±10%
Distance between external terminals g	0.2mm min.
External terminal size e	0.1 to 0.2mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	10Vdc
Size code in inch(mm)	0201 (0603M)
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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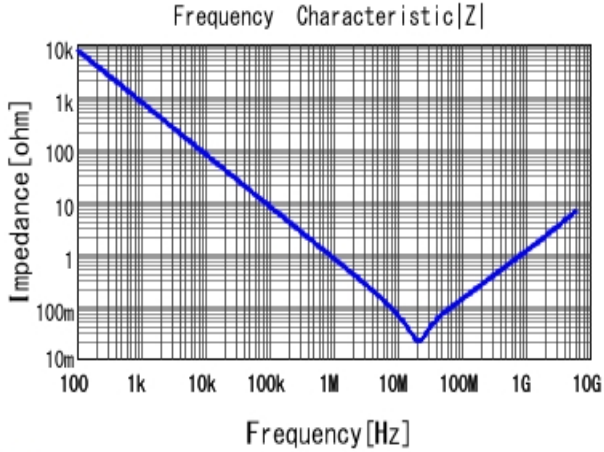
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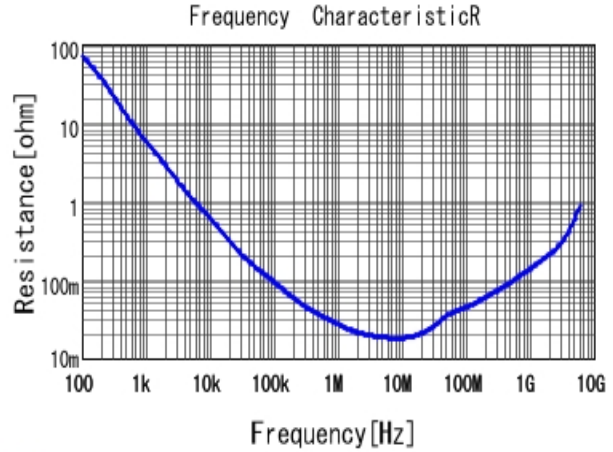
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Characteristic Data

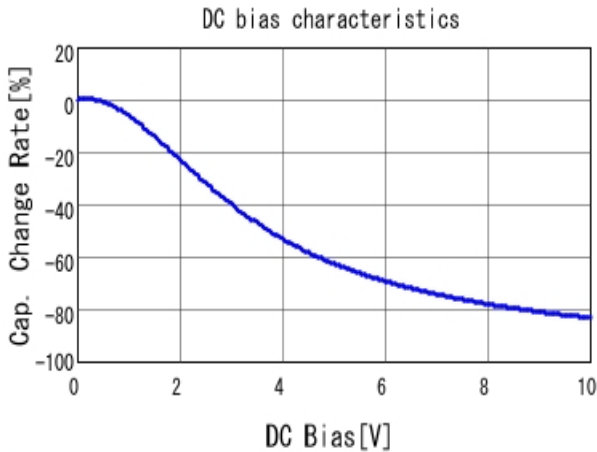
The charts below may show another part number which shares its characteristics.



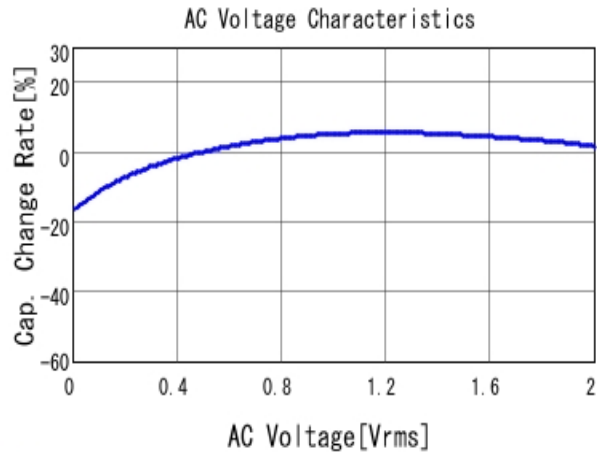
■ GRM033R61A224KE90 |Z| DCOV, 25degC



■ GRM033R61A224KE90 R DCOV, 25degC



■ GRM033R61A224KE90 C-DC bias capchange, 25.0degC, AC0.



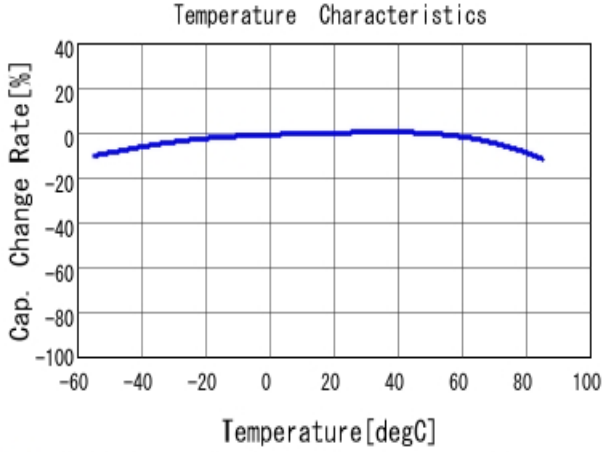
■ GRM033R61A224KE90 C-AC Voltage capchange, DCOV, 25.0d

Attention

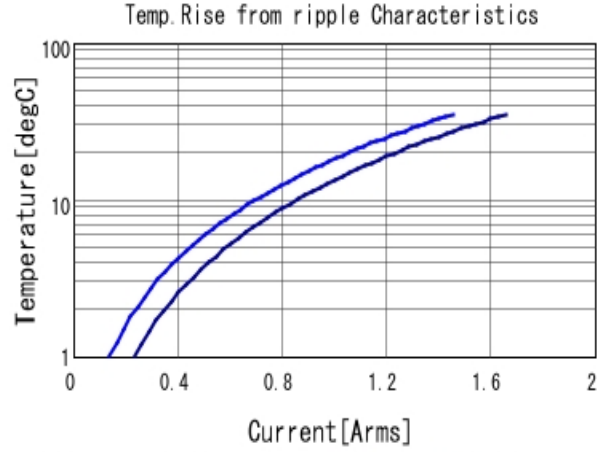
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■ GRM033R61A224KE90 C-Temp. capchange, DCO. 0V, ACO. 2V_{rm}



GRM033R61A224KE90 Temp. rise ■ 600kHz ■ 1MHz

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