

GRM188B31E224KA87#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM188B31E224KA87D GRM188B31E224KA87J

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

Mass (typ.)	
1 piece	6.3mg
φ180mm Reel	144g

Attention

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Specifications

Length	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.8±0.1mm
Capacitance	0.22μF ±10%
Distance between external terminals g	0.5mm min.
External terminal size e	0.2 to 0.5mm
Operating Temperature Range	-25°C to 85°C
Rated Voltage	25Vdc
Size code in inch(mm)	0603 (1608M)
Capacitance change rate	±10.0%
Temperature characteristics (complied standard)	B(JIS)
Temperature range of temperature characteristics	-25°C to 85°C

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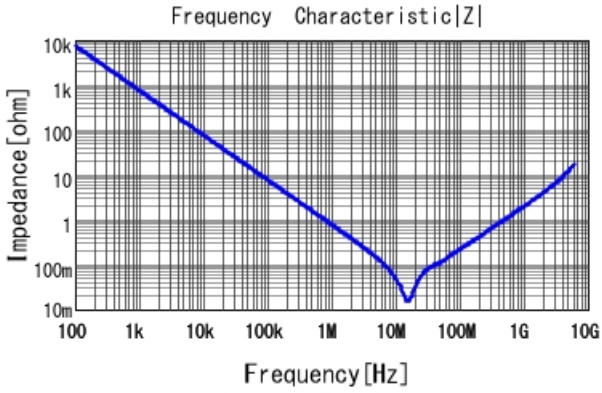
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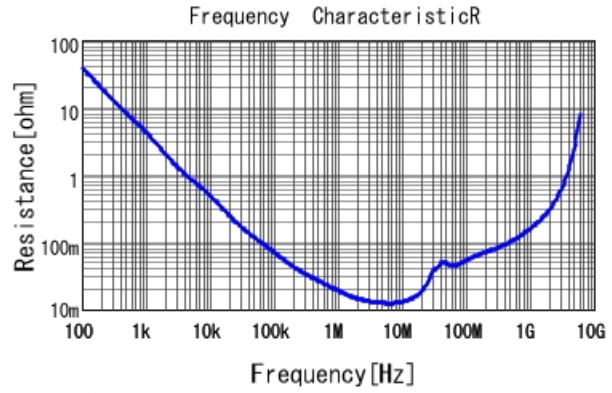


Characteristic Data

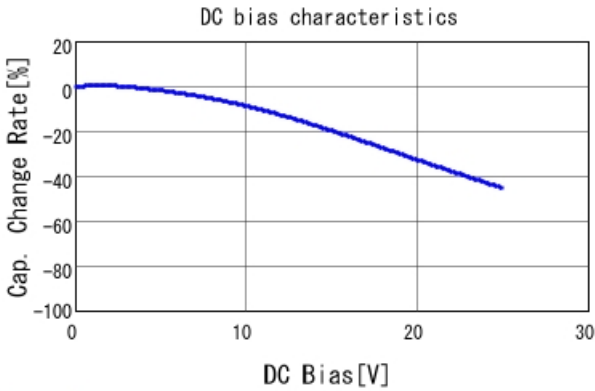
The charts below may show another part number which shares its characteristics.



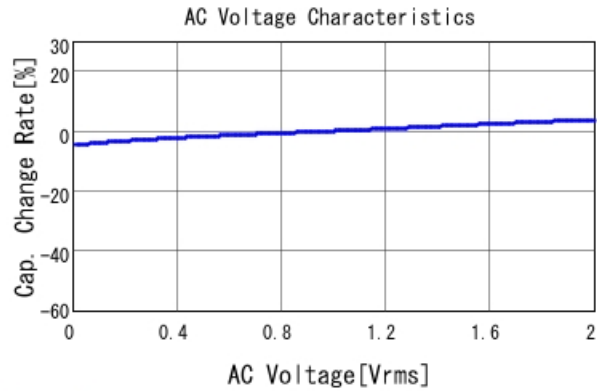
GRM188B31E224KA87 |Z| DCOV, 20degC



GRM188B31E224KA87 R DCOV, 20degC



GRM188B31E224KA87 C-DC bias capchange, 20.0degC, A



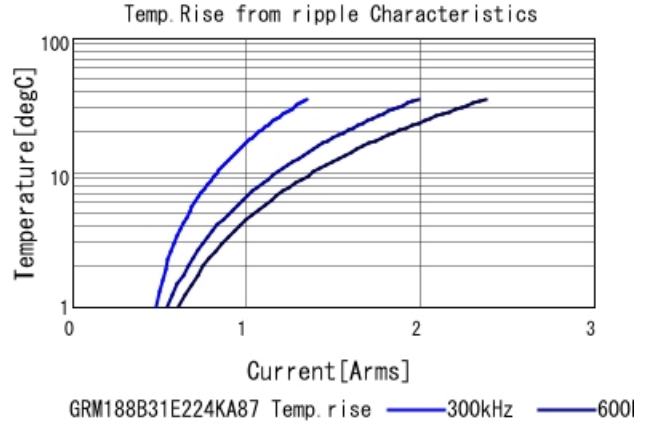
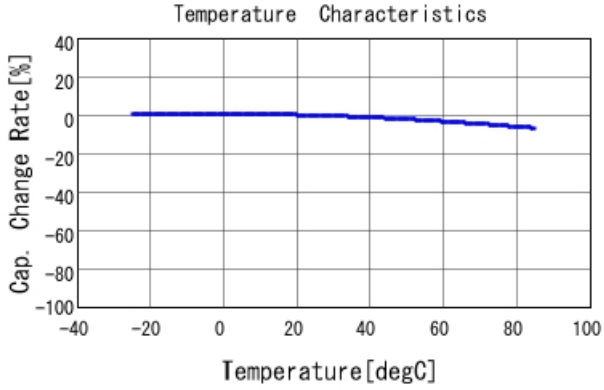
GRM188B31E224KA87 C-AC Voltage capchange, DCOV, 2C

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GRM188B31E224KA87 C-Temp. capchange, DC0.0V, AC1.C

GRM188B31E224KA87 Temp. rise — 300kHz — 600I

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