

GRT188R70J225KE13#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRT188R70J225KE13D GRT188R70J225KE13J

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

Notices

Derating1

Attention

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Specifications

Length	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.8±0.1mm
Capacitance	2.2µF ±10%
Distance between external terminals g	0.5mm min.
External terminal size e	0.2 to 0.5mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	6.3Vdc
Size code in inch(mm)	0603 (1608M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55°C to 125°C

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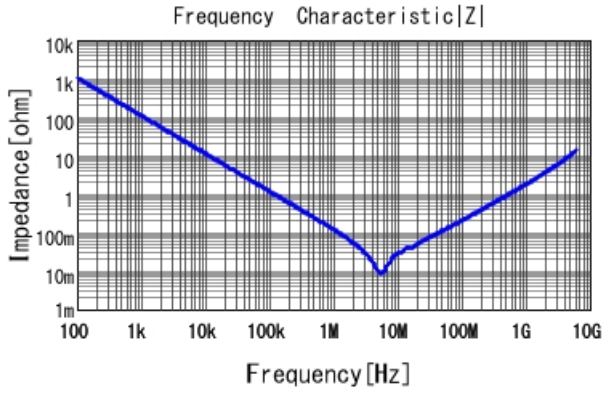
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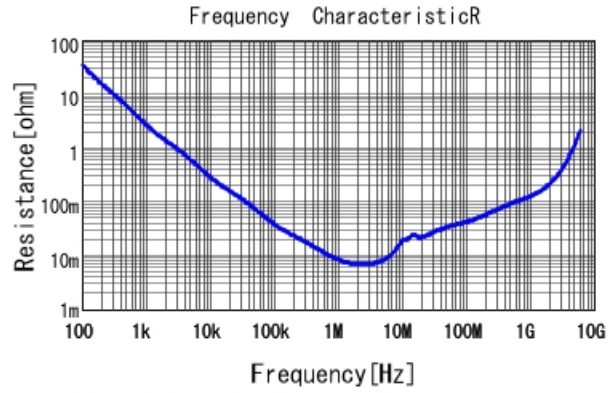


Characteristic Data

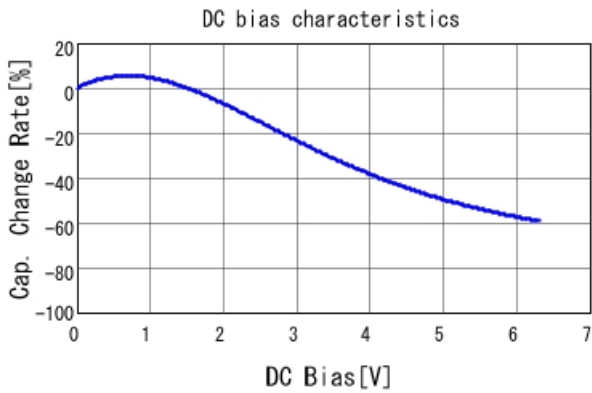
The charts below may show another part number which shares its characteristics.



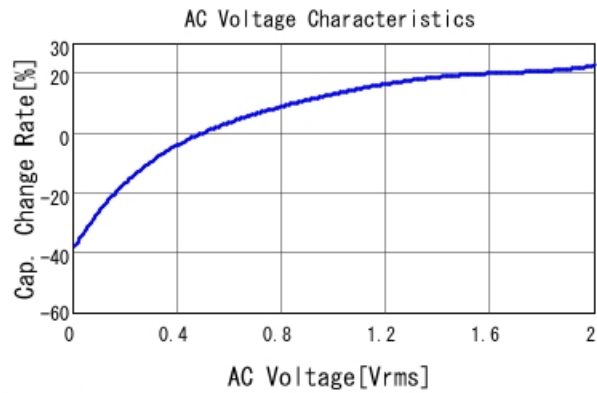
GRT188R70J225KE13 |Z| DCOV, 25degC



GRT188R70J225KE13 R DCOV, 25degC



GRT188R70J225KE13 C-DC bias capchange, 25.0degC, A



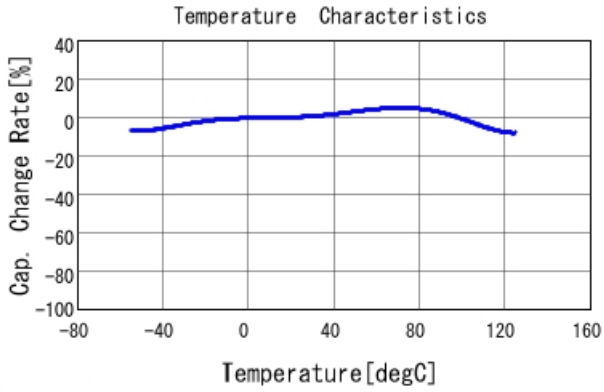
GRT188R70J225KE13 C-AC Voltage capchange, DCOV, 25

Attention

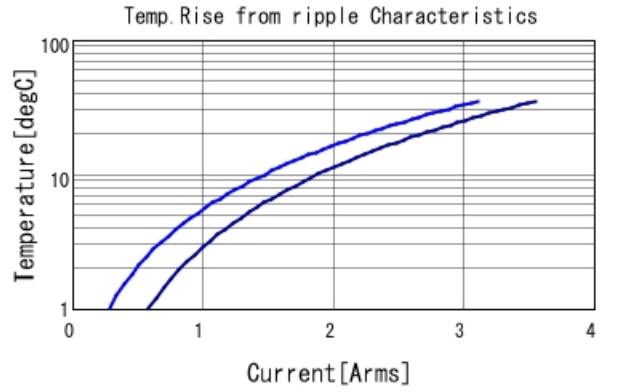
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GRT188R70J225KE13 C-Temp. capchange, DC0.0V, AC0.5



GRT188R70J225KE13 Temp. rise — 500kHz — 1MHz

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