

GRT188R70J225KE13#

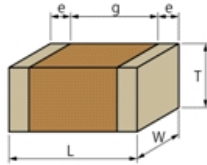
“#” indicates a package specification code.



< 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

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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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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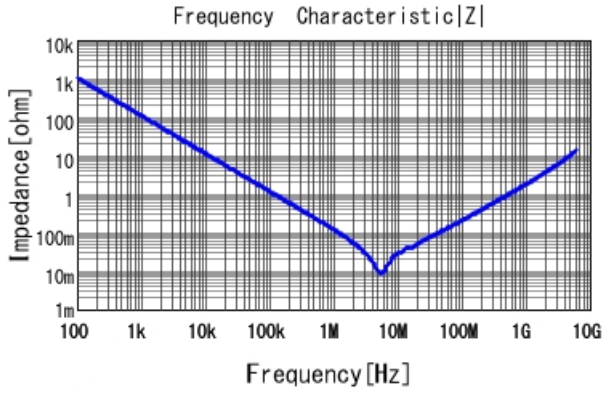
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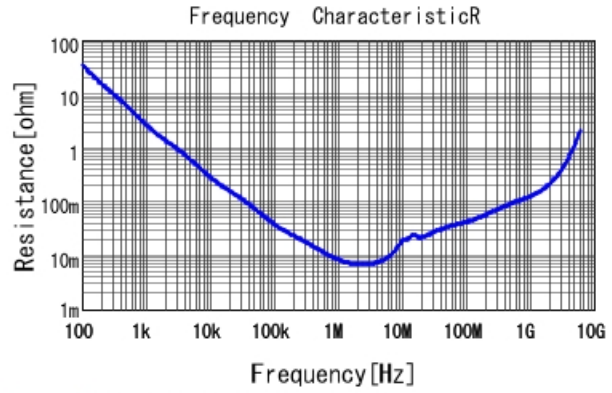


Characteristic Data

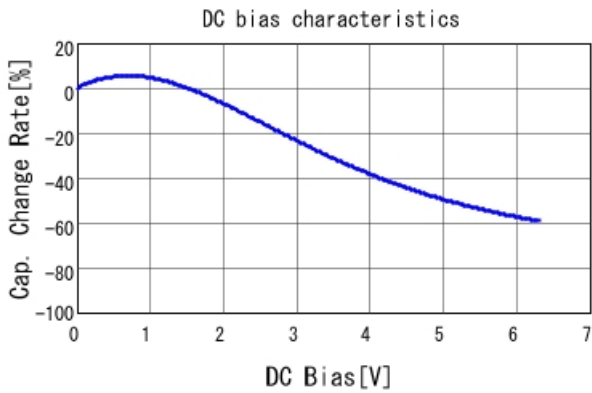
The charts below may show another part number which shares its characteristics.



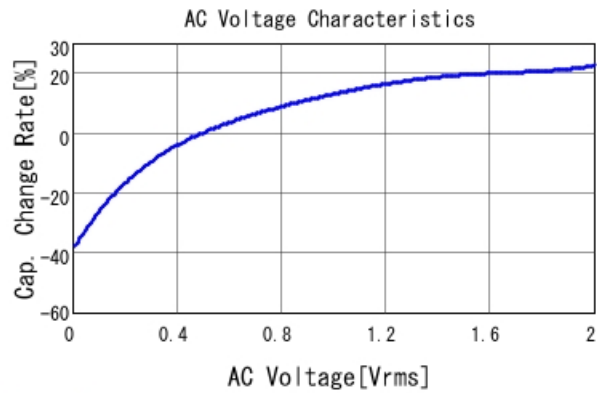
GRT188R70J225KE13 |Z| DCOV, 25degC



GRT188R70J225KE13 R DCOV, 25degC



GRT188R70J225KE13 C-DC bias capchange, 25.0degC, A



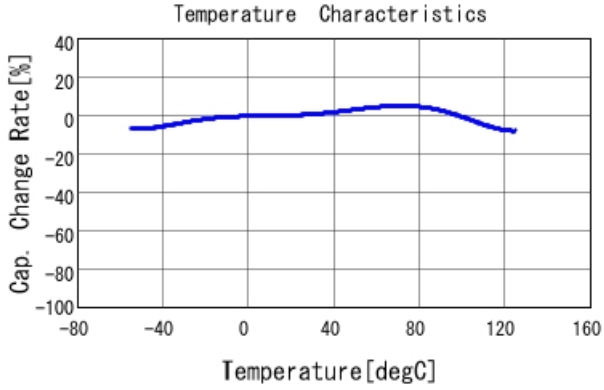
GRT188R70J225KE13 C-AC Voltage capchange, DCOV, 25

Attention

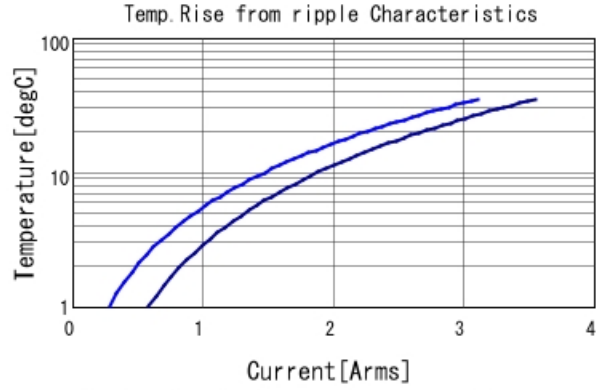
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GRT188R70J225KE13 C-Temp. capchange, DC0.0V, AC0.5



GRT188R70J225KE13 Temp. rise — 500kHz — 1MHz

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