

GRT188R61H225KE13#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRT188R61H225KE13J GRT188R61H225KE13D

Appearance & Shape



References

Packaging	Specifications	Minimum Order Quantity
J	330mm Paper Tape	10000
D	180mm Paper Tape	4000

Mass (typ.)	
1 piece	9.1mg
φ180mm Reel	166g

Notices

Derating1

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Specifications

Length	1.6±0.2mm
Width	0.8±0.2mm
Thickness	0.8±0.2mm
Capacitance	2.2μF ±10%
Distance between external terminals g	0.6mm min.
External terminal size e	0.2 to 0.55mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	50Vdc
Size code in inch(mm)	0603 (1608M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X5R(EIA)
Temperature range of temperature characteristics	-55°C to 85°C

Attention

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2.This datasheet has only typical specifications because there is no space for detailed specifications.

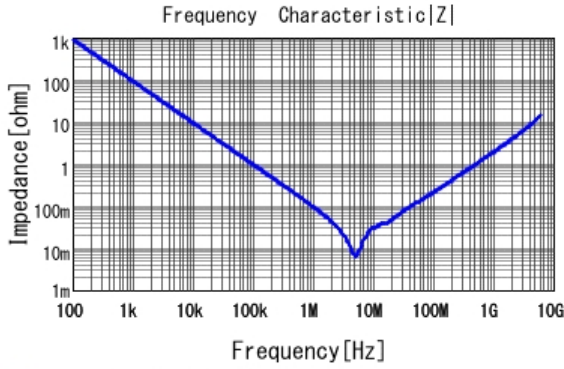
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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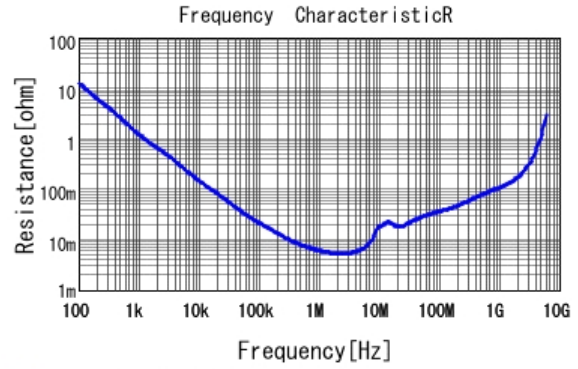
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Characteristic Data

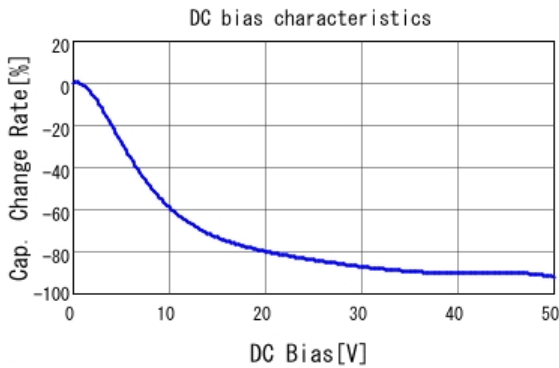
The charts below may show another part number which shares its characteristics.



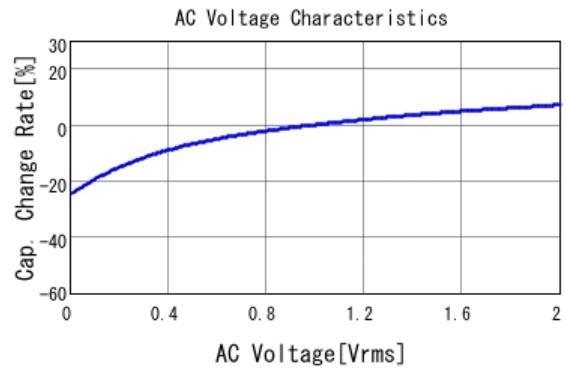
■ GRT188R61H225KE13 |Z| DCOV, 25degC



■ GRT188R61H225KE13 R DCOV, 25degC



■ GRT188R61H225KE13 C-DC bias capchange, 25.0degC, AC1V



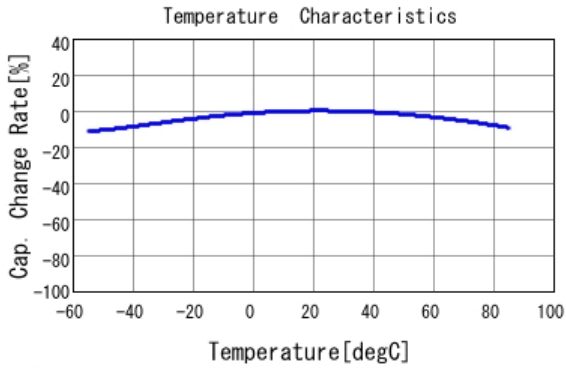
■ GRT188R61H225KE13 C-AC Voltage capchange, DCOV, 25.0d

Attention

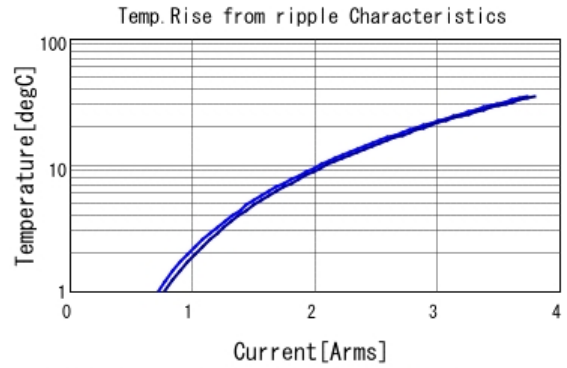
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■ GRT188R61H225KE13 C-Temp. capchange, DCO. 0V, ACO. 5Vrm



GRT188R61H225KE13 Temp. rise ■ 500kHz ■ 1MHz

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