

GRM188R6YA225KA12#

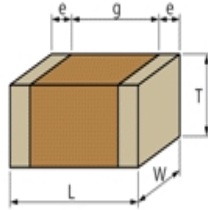
“#” indicates a package specification code.



< List of part numbers with package codes >

GRM188R6YA225KA12D GRM188R6YA225KA12J

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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- 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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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 85°C
Rated Voltage	35Vdc
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

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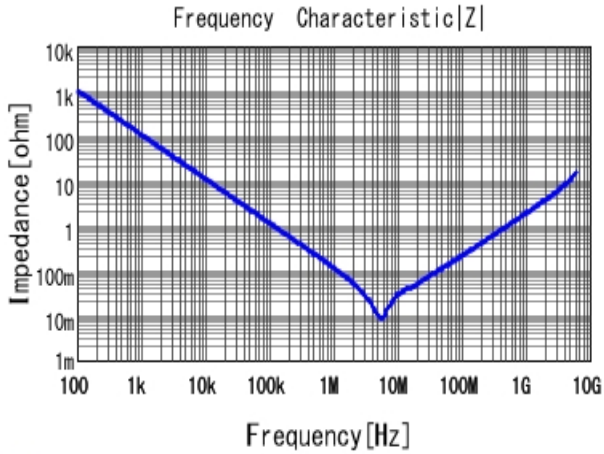
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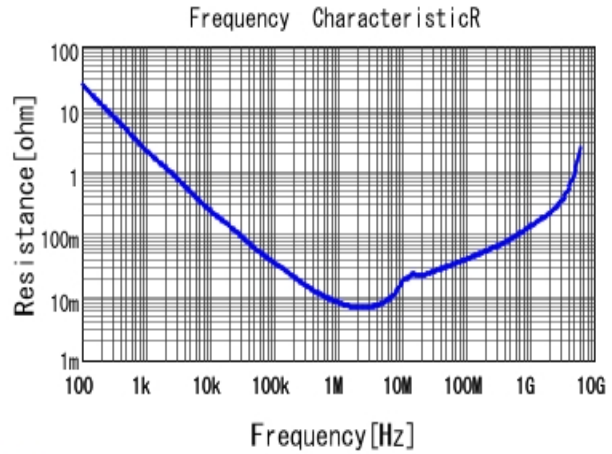


Characteristic Data

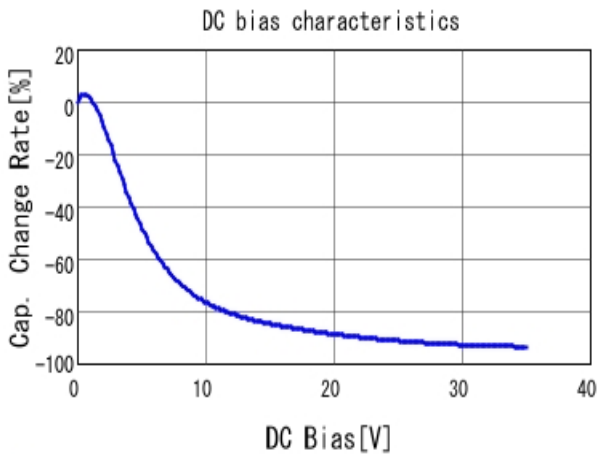
The charts below may show another part number which shares its characteristics.



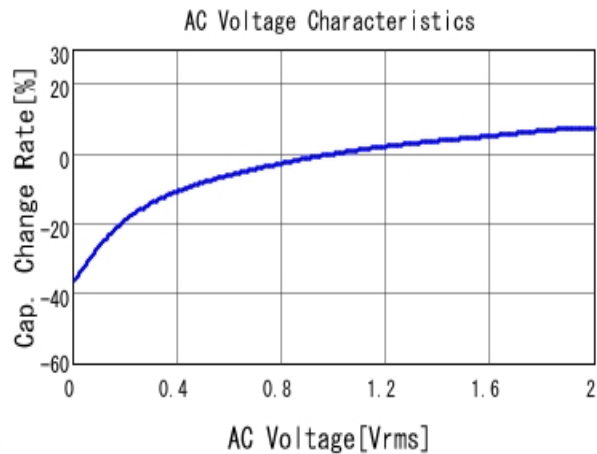
■ GRM188R6YA225KA12 |Z| DCOV, 25degC



■ GRM188R6YA225KA12 R DCOV, 25degC



■ GRM188R6YA225KA12 C-DC bias capchange, 25.0degC, AC1.



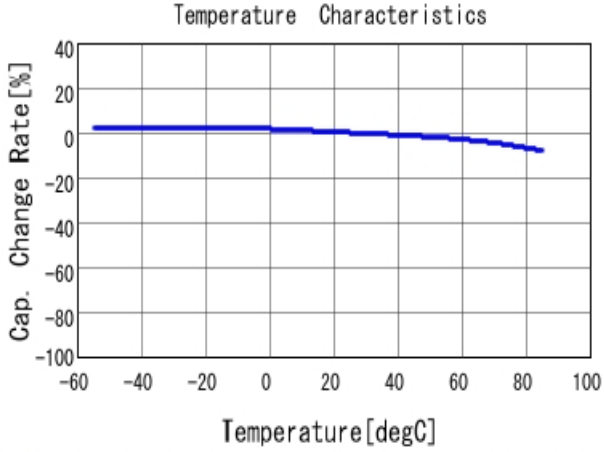
■ GRM188R6YA225KA12 C-AC Voltage capchange, DCOV, 25.0d

Attention

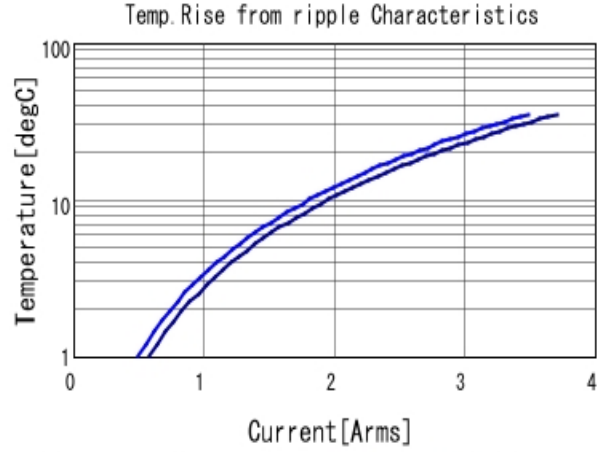
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■ GRM188R6YA225KA12 C-Temp. capchange, DC0.0V, AC1.0V_{rm}



GRM188R6YA225KA12 Temp. rise ■ 500kHz ■ 1MHz

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