

GRM188R71E224KA88#

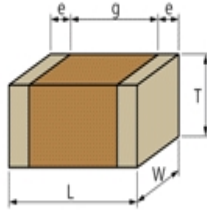
“#” indicates a package specification code.



< List of part numbers with package codes >

GRM188R71E224KA88J GRM188R71E224KA88D

Appearance & Shape



References

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

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

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.
- 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	0.22μF ±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	25Vdc
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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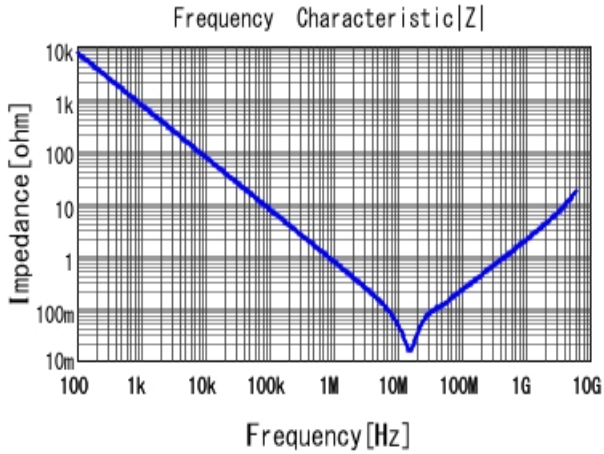
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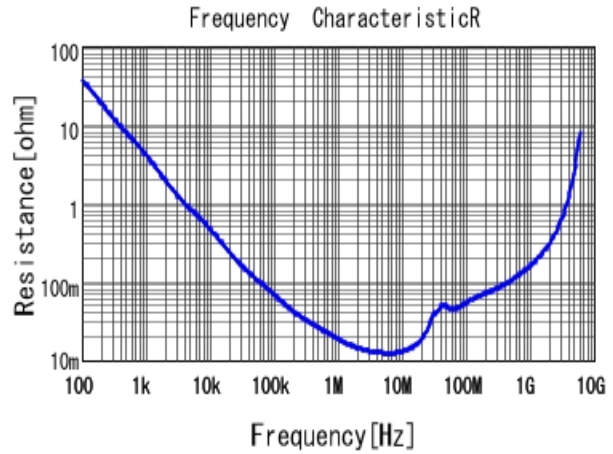


Characteristic Data

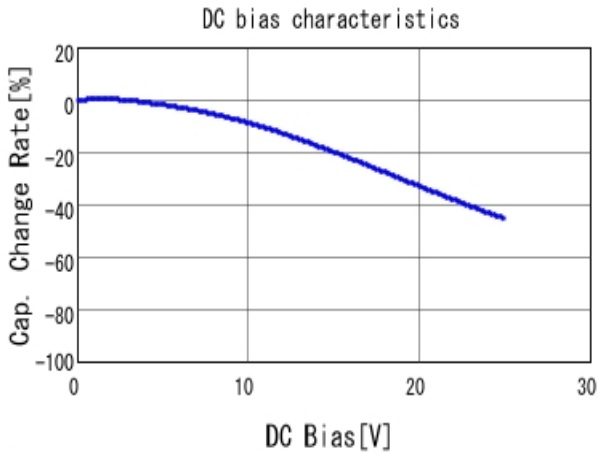
The charts below may show another part number which shares its characteristics.



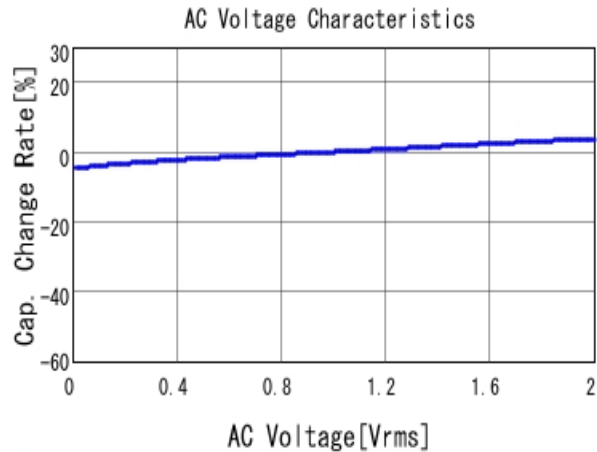
■ GRM188R71E224KA88 |Z| DCOV, 25degC



■ GRM188R71E224KA88 R DCOV, 25degC



■ GRM188R71E224KA88 C-DC bias capchange, 25.0degC, AC1.



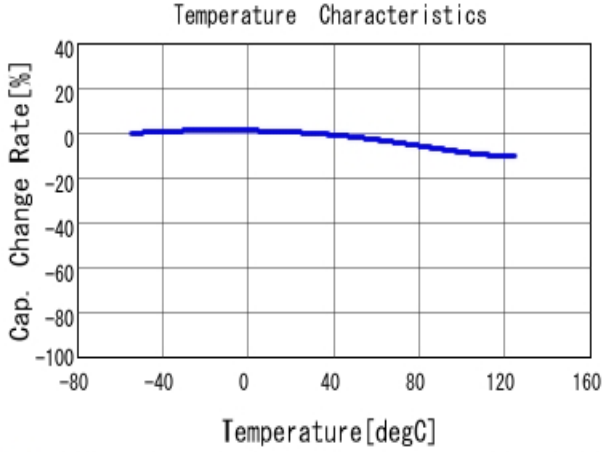
■ GRM188R71E224KA88 C-AC Voltage capchange, DCOV, 25.0d

Attention

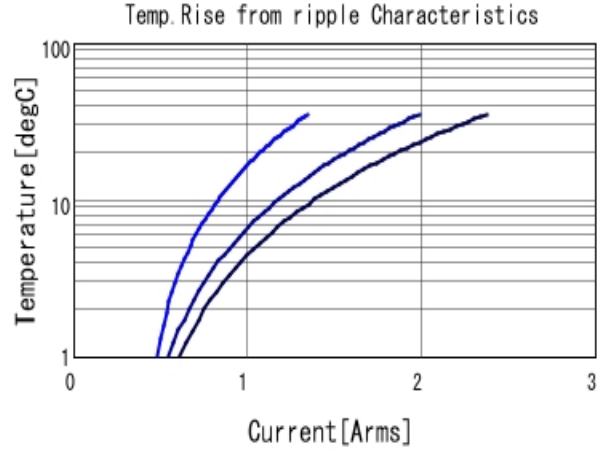
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■ GRM188R71E224KA88 C-Temp. capchange, DCO. 0V, AC1.0V_{rm}



GRM188R71E224KA88 Temp. rise ■ 300kHz ■ 600kHz ■ 1MHz

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