

# GRM188R61E106KA73#

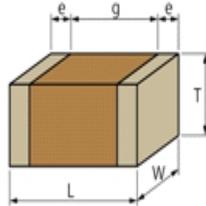
“#” indicates a package specification code.



< List of part numbers with package codes >

GRM188R61E106KA73D      GRM188R61E106KA73J

## Appearance & Shape



## References

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

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

## Notices

Measure capacitance after heat treatment

### 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±0.2mm
Width	0.8±0.2mm
Thickness	0.8±0.2mm
Capacitance	10μF ±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	25Vdc
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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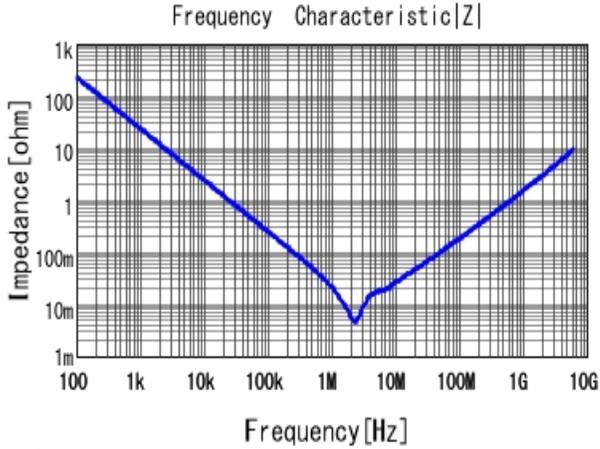
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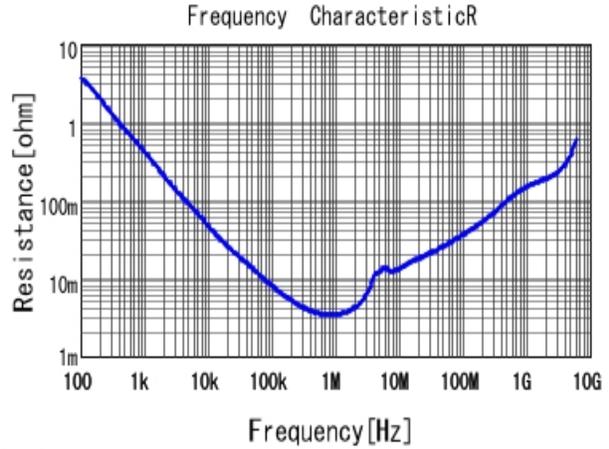
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## Characteristic Data

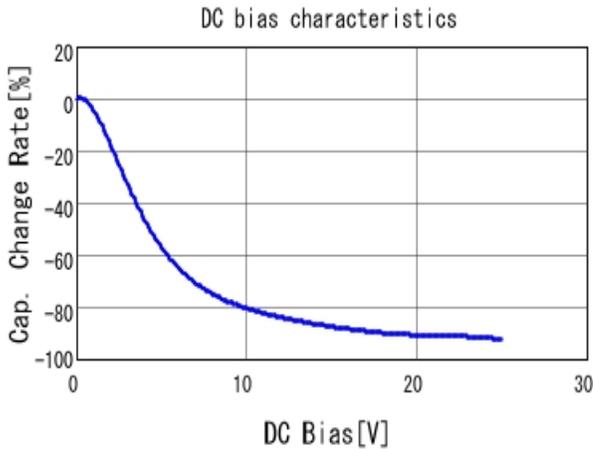
The charts below may show another part number which shares its characteristics.



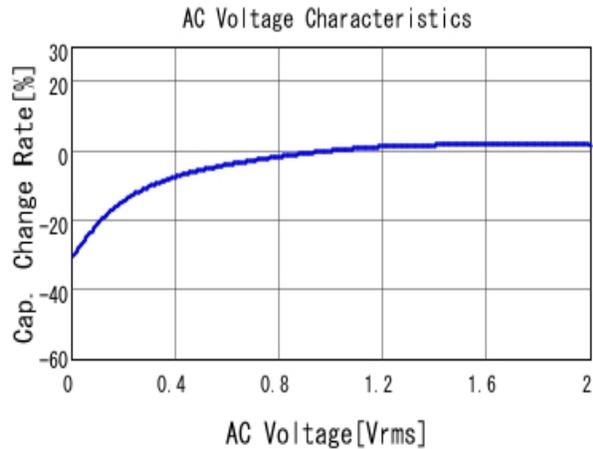
■ GRM188R61E106KA73 |Z| DCOV, 25degC



■ GRM188R61E106KA73 R DCOV, 25degC



■ GRM188R61E106KA73 C-DC bias capchange, 25.0degC, AC1V



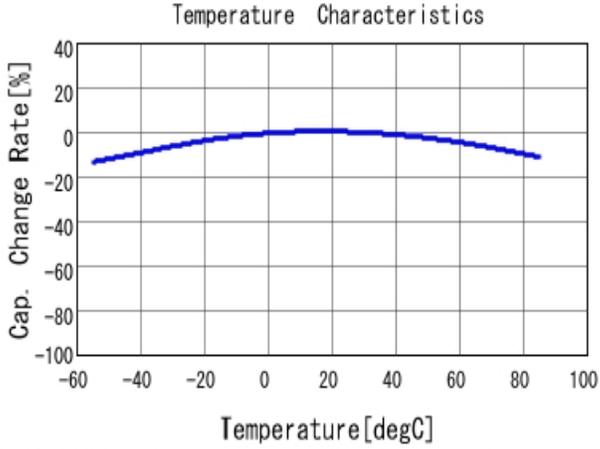
■ GRM188R61E106KA73 C-AC Voltage capchange, DCOV, 25.0d

**Attention**

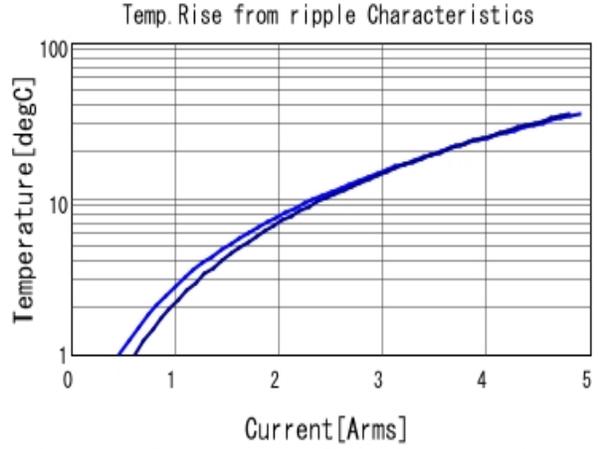
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■ GRM188R61E106KA73 C-Temp. capchange, DCO. 0V, ACO. 2V<sub>rm</sub>



GRM188R61E106KA73 Temp. rise ■ 400kHz ■ 800kHz

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