

# GCJ188R70J225KE01#

“#” indicates a package specification code.



< List of part numbers with package codes >

GCJ188R70J225KE01J      GCJ188R70J225KE01D

## Appearance & Shape



## References

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

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

## Notices

Resin external electrode products

### 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.  
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## Specifications

Length	1.6±0.2mm
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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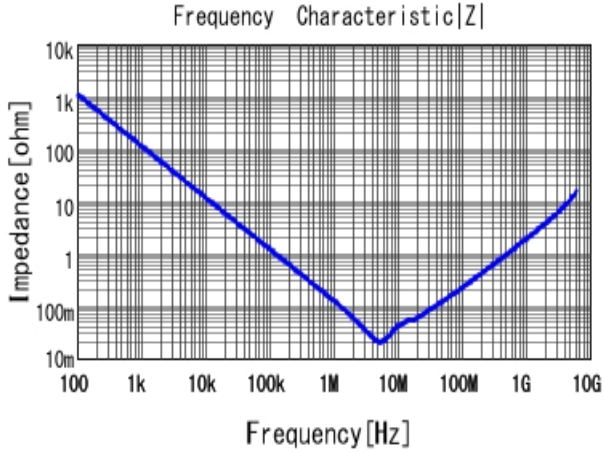
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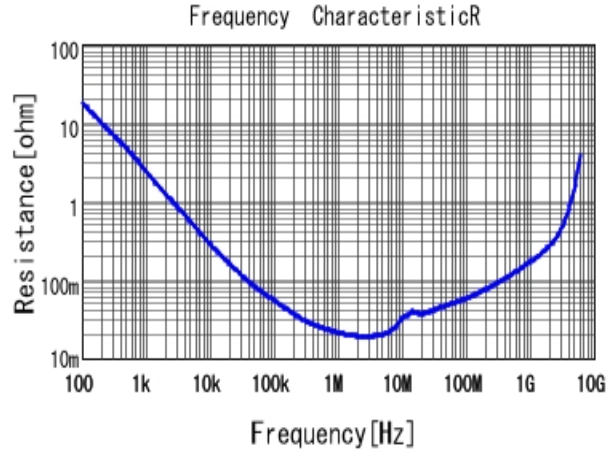
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## Characteristic Data

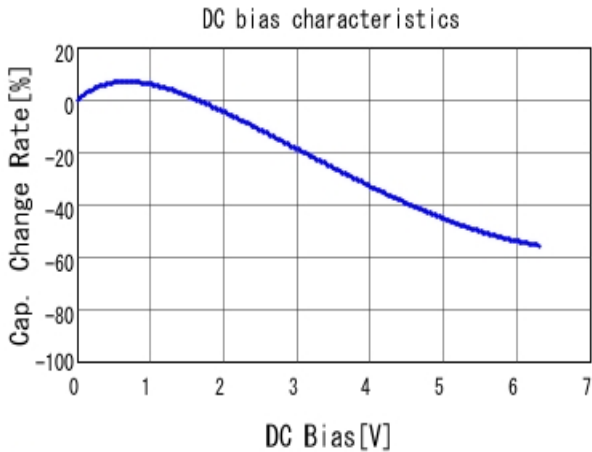
The charts below may show another part number which shares its characteristics.



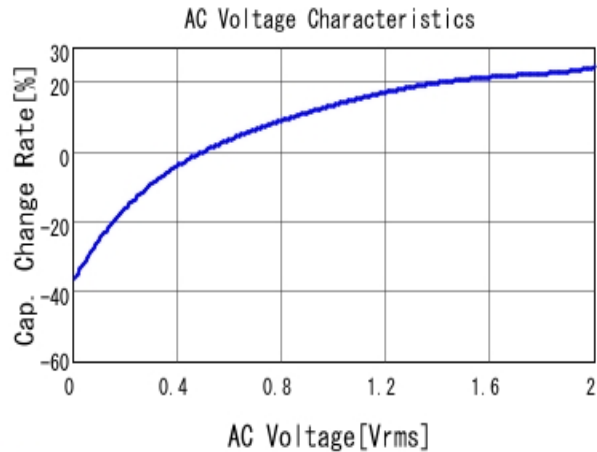
■ GCJ188R70J225KE01 |Z| DCOV, 25degC



■ GCJ188R70J225KE01 R DCOV, 25degC



■ GCJ188R70J225KE01 C-DC bias capchange, 25.0degC, AC0.



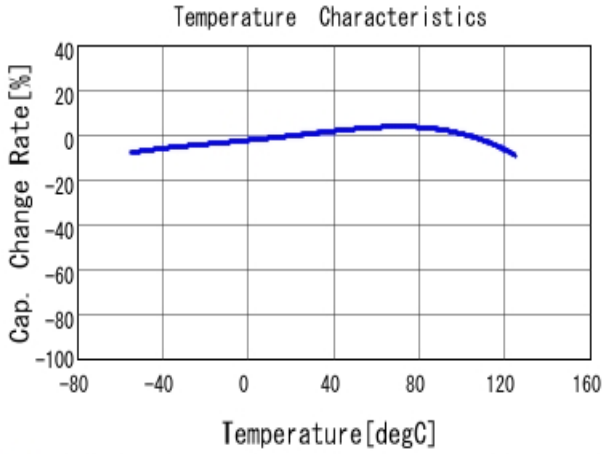
■ GCJ188R70J225KE01 C-AC Voltage capchange, DCOV, 25.0d

**Attention**

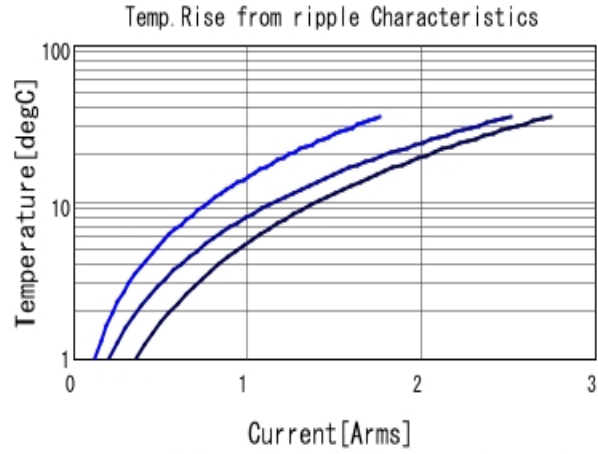
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■ GCJ188R70J225KE01 C-Temp. capchange, DCO. 0V, ACO. 5V<sub>rm</sub>



GCJ188R70J225KE01 Temp. rise ■ 100kHz ■ 500kHz ■ 1MHz

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