

# GCM188R70J225KE22#

“#” indicates a package specification code.



< List of part numbers with package codes >

GCM188R70J225KE22J                      GCM188R70J225KE22D

## 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

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- 2.This datasheet has only typical specifications because there is no space for detailed specifications.  
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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 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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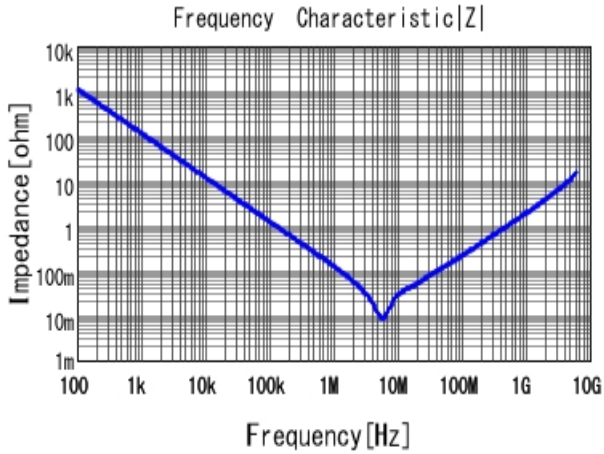
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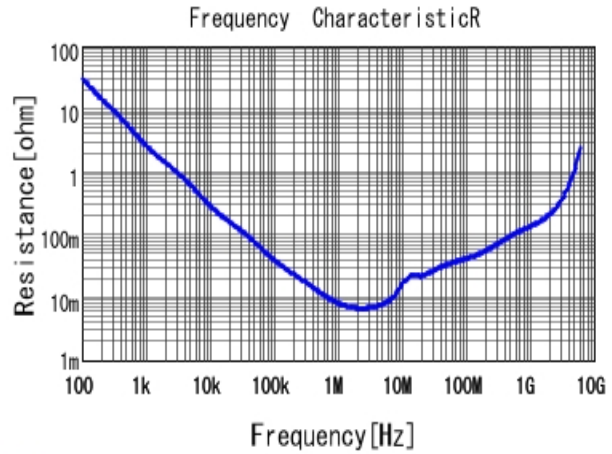
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## Characteristic Data

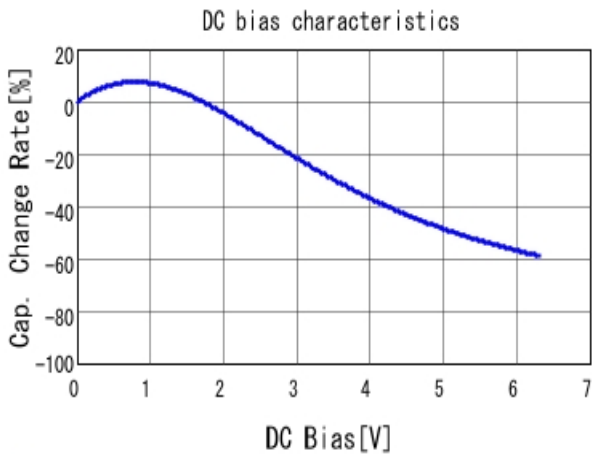
The charts below may show another part number which shares its characteristics.



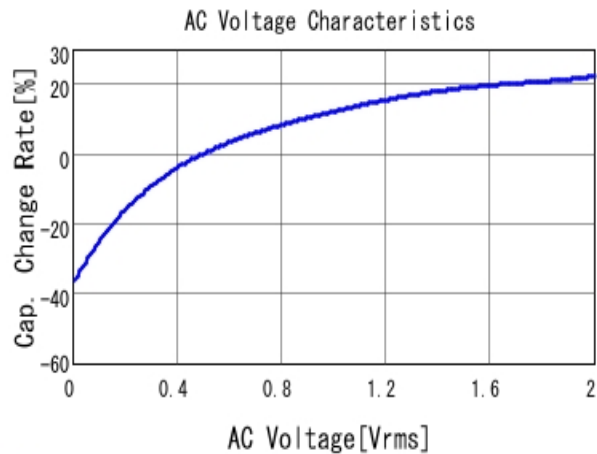
GCM188R70J225KE22 |Z| DCOV, 25degC



GCM188R70J225KE22 R DCOV, 25degC



GCM188R70J225KE22 C-DC bias capchange, 25.0degC, AC0.



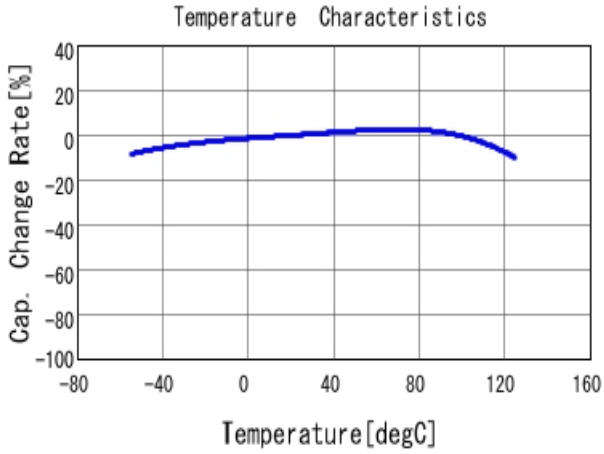
GCM188R70J225KE22 C-AC Voltage capchange, DCOV, 25.0d

**Attention**

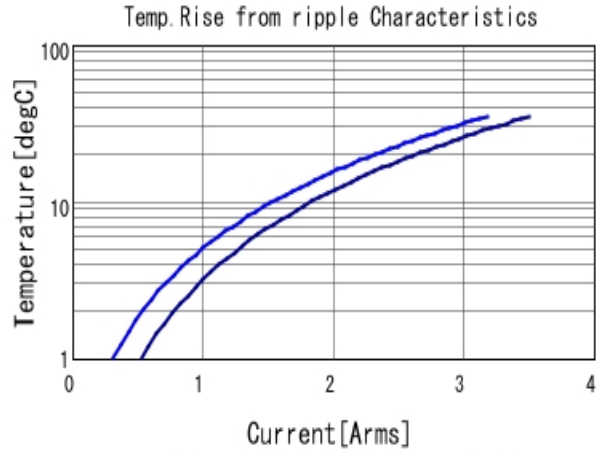
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GCM188R70J225KE22 C-Temp. capchange, DCO. 0V, ACO. 5V<sub>rm</sub>



GCM188R70J225KE22 Temp. rise ■ 500kHz ■ 1MHz

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