

# GCM188R71H102KA37#

“#” indicates a package specification code.



< List of part numbers with package codes >

GCM188R71H102KA37J      GCM188R71H102KA37D

## 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.
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## Specifications

Length	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.8±0.1mm
Capacitance	1000pF ±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	50Vdc
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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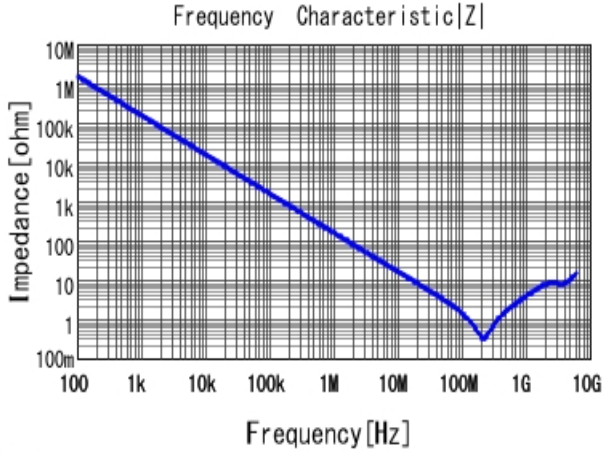
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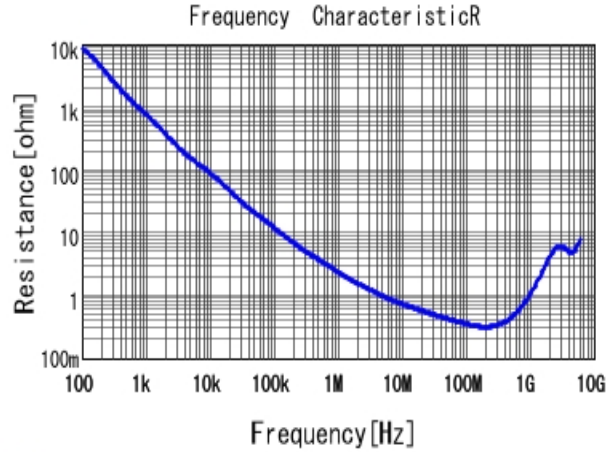
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## Characteristic Data

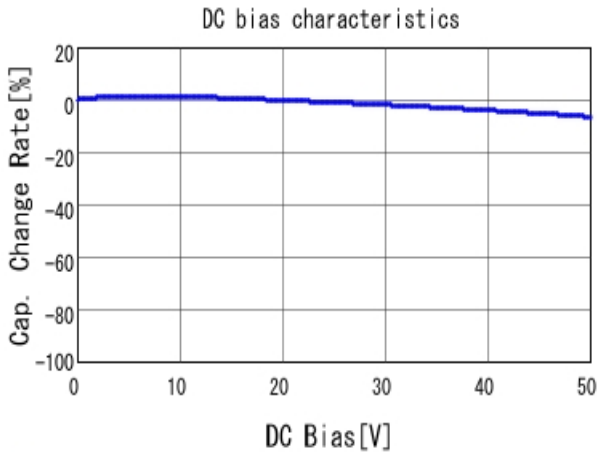
The charts below may show another part number which shares its characteristics.



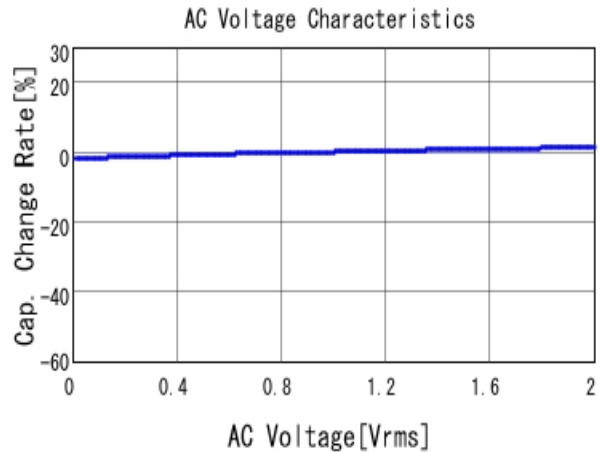
GCM188R71H102KA37 |Z| DCOV, 25degC



GCM188R71H102KA37 R DCOV, 25degC



GCM188R71H102KA37 C-DC bias capchange, 25.0degC, AC1.



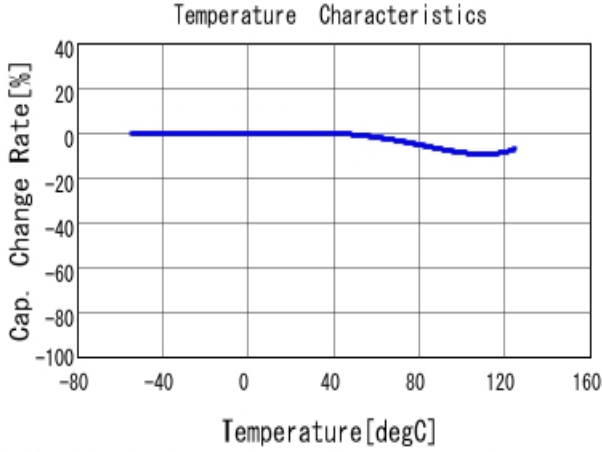
GCM188R71H102KA37 C-AC Voltage capchange, DCOV, 25.0d

**Attention**

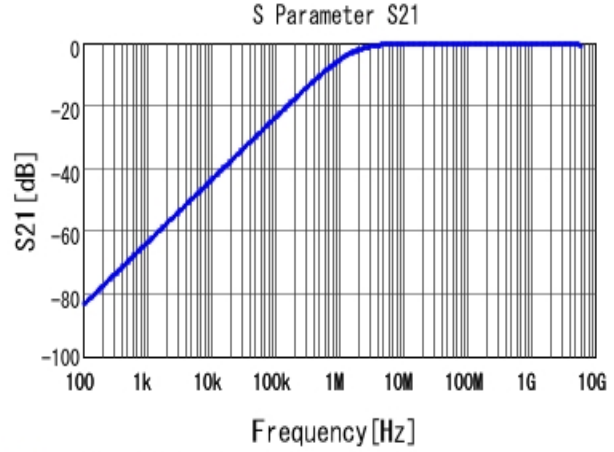
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■ GCM188R71H102KA37 C-Temp. capchange, DCO. 0V, AC1.0Vrm



■ GCM188R71H102KA37 S21 DCOV, 25degC

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