

GCJ31MR72A224KA01#

“#” indicates a package specification code.

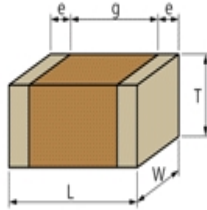
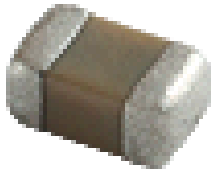


< List of part numbers with package codes >

GCJ31MR72A224KA01K

GCJ31MR72A224KA01L

Appearance & Shape



References

| Packaging | Specifications | Standard Packing Quantity |
|-----------|------------------|---------------------------|
| K | 330Embossed Tape | 10000 |
| L | 180Embossed Tape | 3000 |

| Mass (typ.) | |
|-------------|--------|
| 1 piece | 34.0mg |
| φ180mm Reel | 149g |

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.
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Specifications

| | |
|--|----------------|
| Length | 3.2±0.3mm |
| Width | 1.6±0.3mm |
| Thickness | 1.15±0.2mm |
| Capacitance | 0.22μF ±10% |
| Distance between external terminals g | 1.5mm min. |
| External terminal size e | 0.3 to 1.0mm |
| Operating Temperature Range | -55°C to 125°C |
| Rated Voltage | 100Vdc |
| Size code in inch(mm) | 1206 (3216M) |
| 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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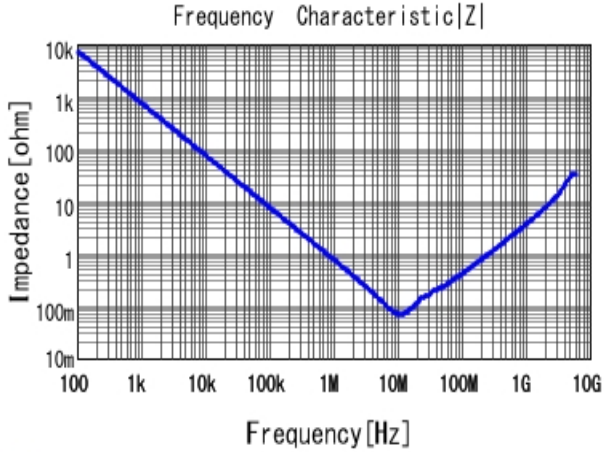
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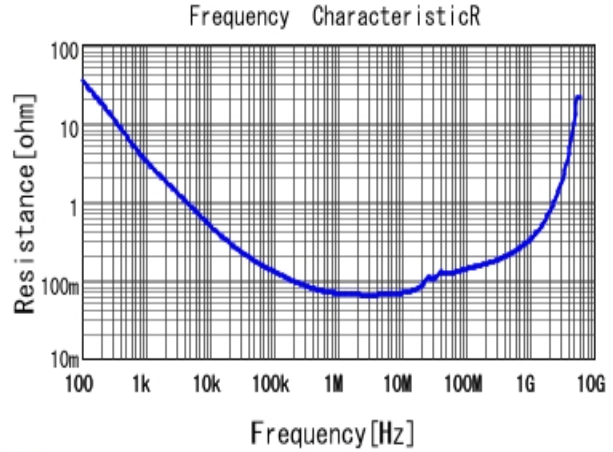
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Characteristic Data

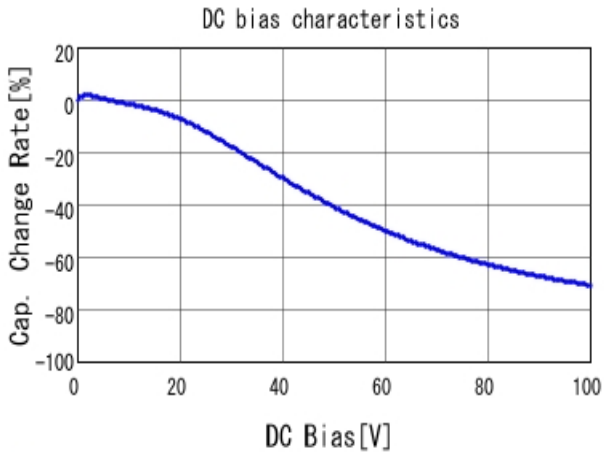
The charts below may show another part number which shares its characteristics.



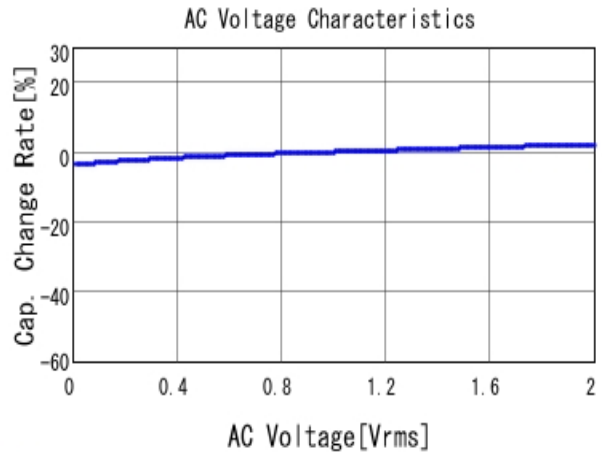
■ GCJ31MR72A224KA01 |Z| DCOV, 25degC



■ GCJ31MR72A224KA01 R DCOV, 25degC



■ GCJ31MR72A224KA01 C-DC bias capchange, 25.0degC, AC1.



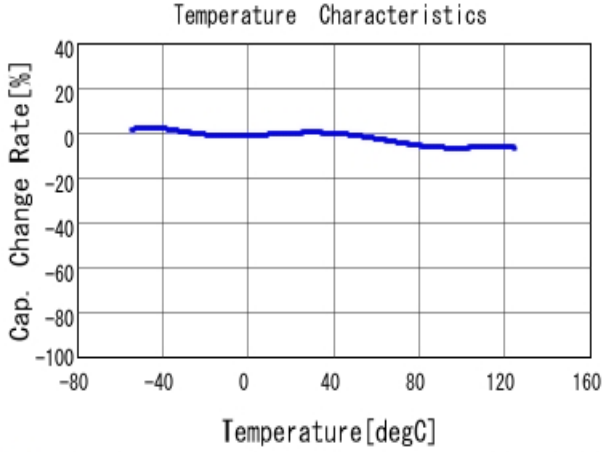
■ GCJ31MR72A224KA01 C-AC Voltage capchange, DCOV, 25.0d

Attention

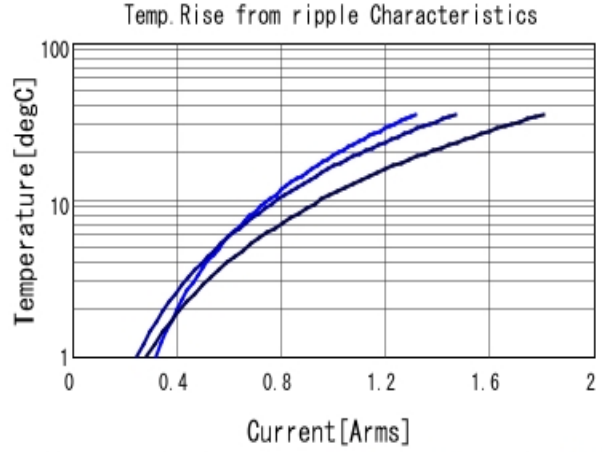
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■ GCJ31MR72A224KA01 C-Temp. capchange, DC0.0V, AC1.0V_rm



GCJ31MR72A224KA01 Temp. rise ■ 300kHz ■ 600kHz ■ 1MHz

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