

GRM31MR71A225KA01#

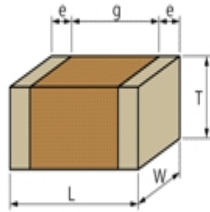
“#” indicates a package specification code.



< List of part numbers with package codes >

GRM31MR71A225KA01L GRM31MR71A225KA01K

Appearance & Shape



References

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

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

Attention

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Specifications

| | |
|--|----------------|
| Length | 3.2±0.15mm |
| Width | 1.6±0.15mm |
| Thickness | 1.15±0.1mm |
| Capacitance | 2.2µF ±10% |
| Distance between external terminals g | 1.5mm min. |
| External terminal size e | 0.3 to 0.8mm |
| Operating Temperature Range | -55°C to 125°C |
| Rated Voltage | 10Vdc |
| 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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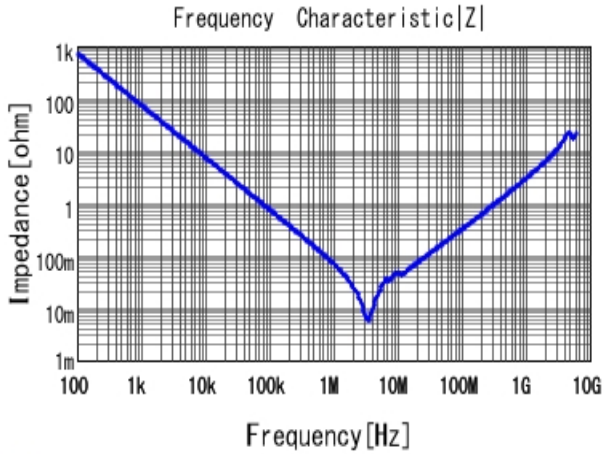
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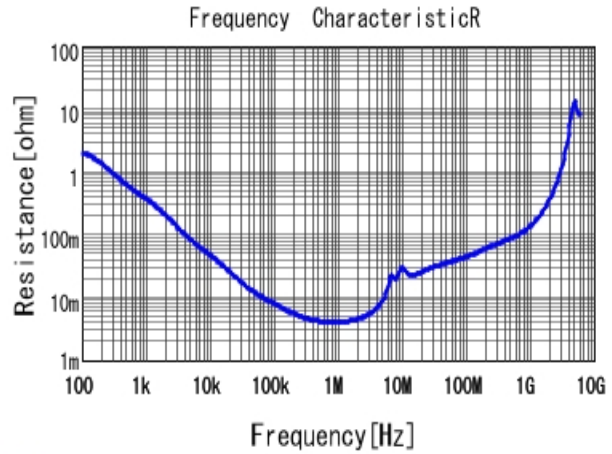
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Characteristic Data

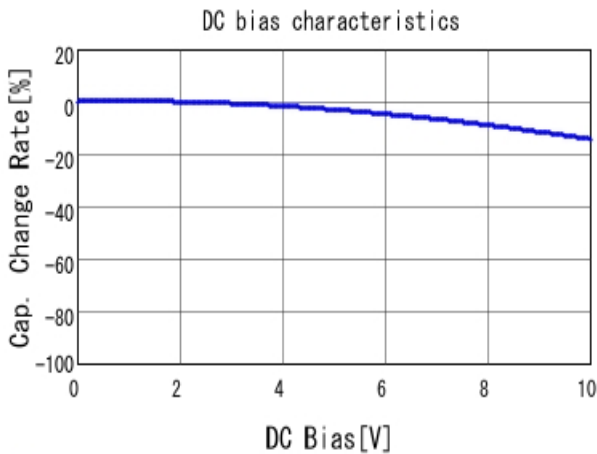
The charts below may show another part number which shares its characteristics.



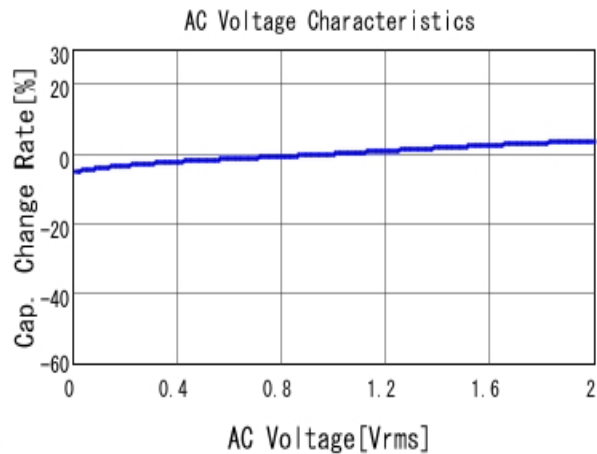
■ GRM31MR71A225KA01 |Z| DCOV, 25degC



■ GRM31MR71A225KA01 R DCOV, 25degC



■ GRM31MR71A225KA01 C-DC bias capchange, 25.0degC, AC1.



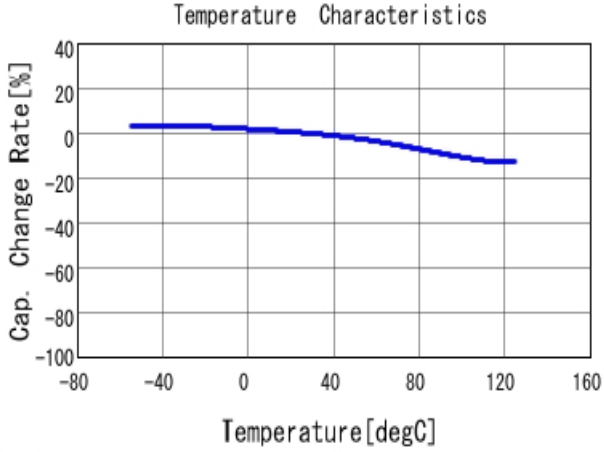
■ GRM31MR71A225KA01 C-AC Voltage capchange, DCOV, 25.0d

Attention

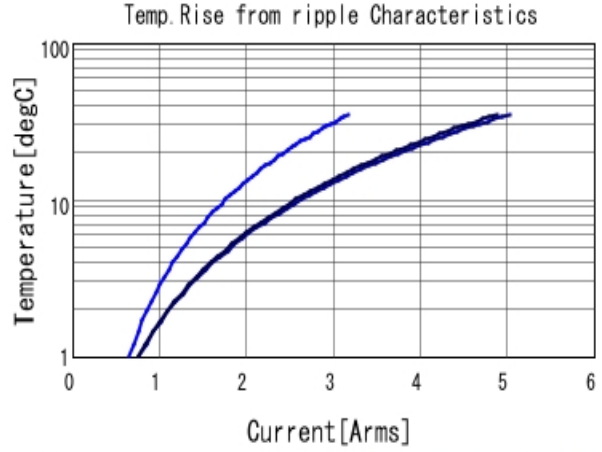
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■ GRM31MR71A225KA01 C-Temp. capchange, DC0.0V, AC1.0V_{rm}



GRM31MR71A225KA01 Temp. rise ■ 100kHz ■ 500kHz ■ 1MHz

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