

GRM188B31A106ME69#

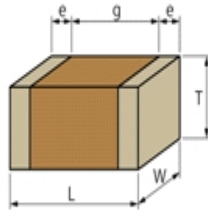
“#” indicates a package specification code.



< List of part numbers with package codes >

GRM188B31A106ME69J GRM188B31A106ME69D

Appearance & Shape



References

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

| Mass (typ.) | |
|-------------|-------|
| 1 piece | 8.1mg |
| φ180mm Reel | 154g |

Notices

Derating1

Attention

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- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Specifications

| | |
|--|---------------|
| Length | 1.6±0.15mm |
| Width | 0.8±0.15mm |
| Thickness | 0.8±0.15mm |
| Capacitance | 10μF ±20% |
| Distance between external terminals g | 0.6mm min. |
| External terminal size e | 0.2 to 0.55mm |
| Operating Temperature Range | -25°C to 85°C |
| Rated Voltage | 10Vdc |
| Size code in inch(mm) | 0603 (1608M) |
| Capacitance change rate | ±10.0% |
| Temperature characteristics (complied standard) | B(JIS) |
| Temperature range of temperature characteristics | -25°C to 85°C |

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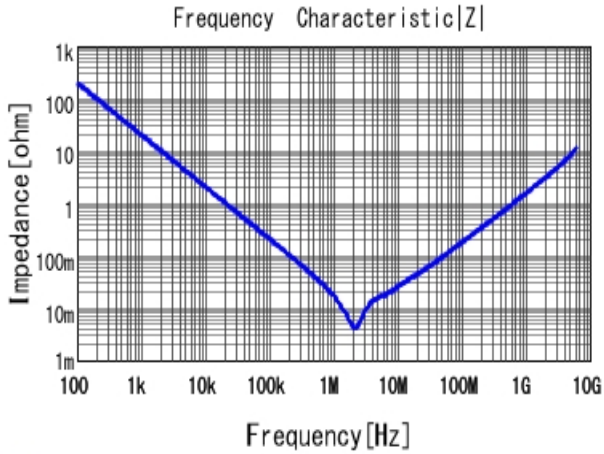
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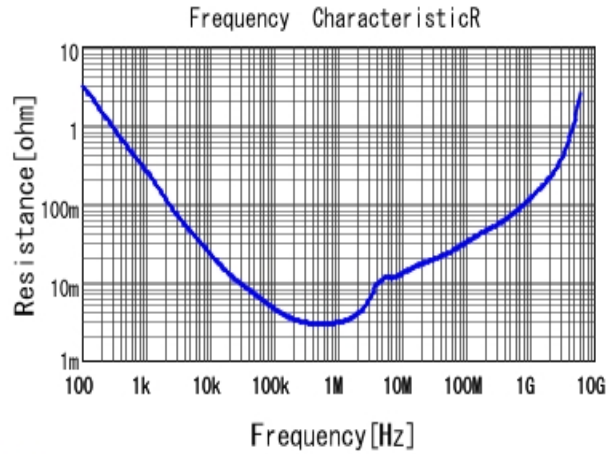


Characteristic Data

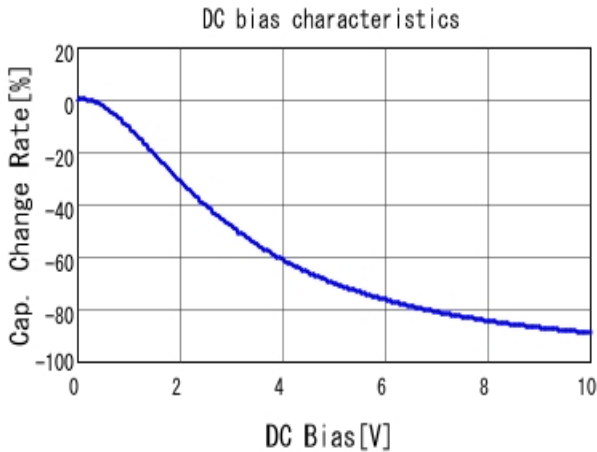
The charts below may show another part number which shares its characteristics.



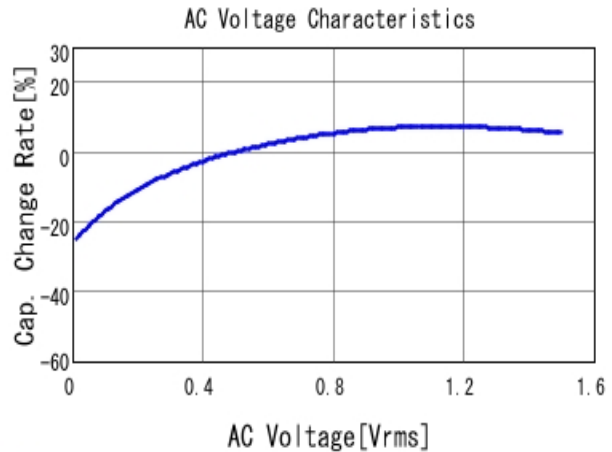
■ GRM188B31A106ME69 |Z| DCOV, 20degC



■ GRM188B31A106ME69 R DCOV, 20degC



■ GRM188B31A106ME69 C-DC bias capchange, 20.0degC, AC0.



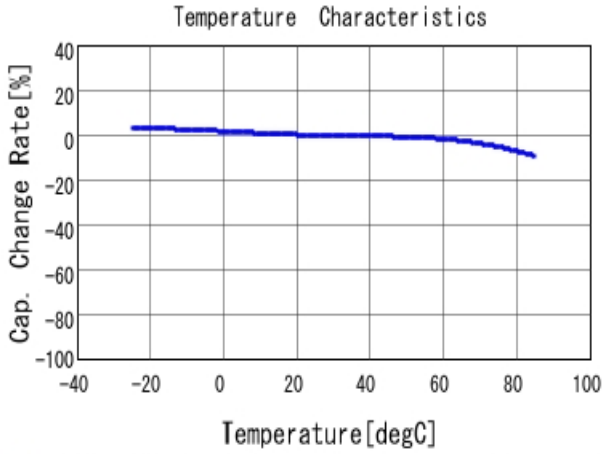
■ GRM188B31A106ME69 C-AC Voltage capchange, DCOV, 20.0d

Attention

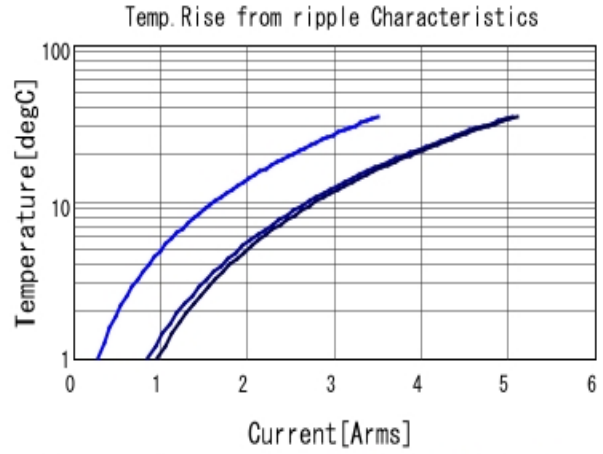
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■ GRM188B31A106ME69 C-Temp. capchange, DCO. 0V, ACO. 5V_{rm}



GRM188B31A106ME69 Temp. rise ■ 80kHz ■ 400kHz ■ 800kHz

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