

GRT188R61H105KE13#

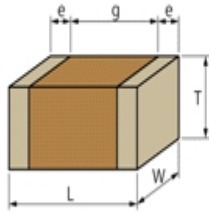
“#” indicates a package specification code.



< List of part numbers with package codes >

GRT188R61H105KE13J GRT188R61H105KE13D

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 |

Notices

Derating1

Attention

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Specifications

| | |
|--|---------------|
| Length | 1.6±0.1mm |
| Width | 0.8±0.1mm |
| Thickness | 0.8±0.1mm |
| Capacitance | 1.0μF ±10% |
| Distance between external terminals g | 0.5mm min. |
| External terminal size e | 0.2 to 0.5mm |
| Operating Temperature Range | -55°C to 85°C |
| Rated Voltage | 50Vdc |
| Size code in inch(mm) | 0603 (1608M) |
| Capacitance change rate | ±15.0% |
| Temperature characteristics (complied standard) | X5R(EIA) |
| Temperature range of temperature characteristics | -55°C to 85°C |

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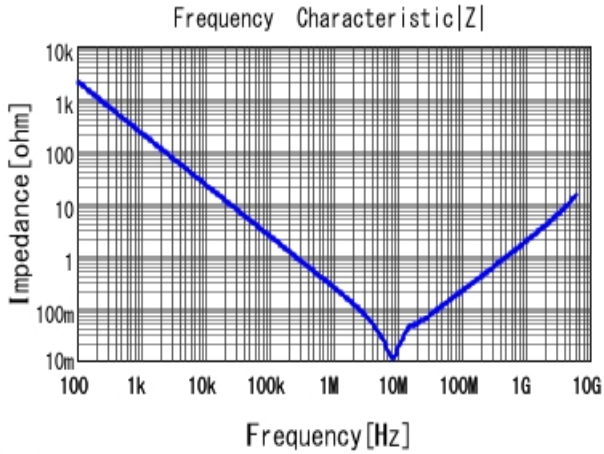
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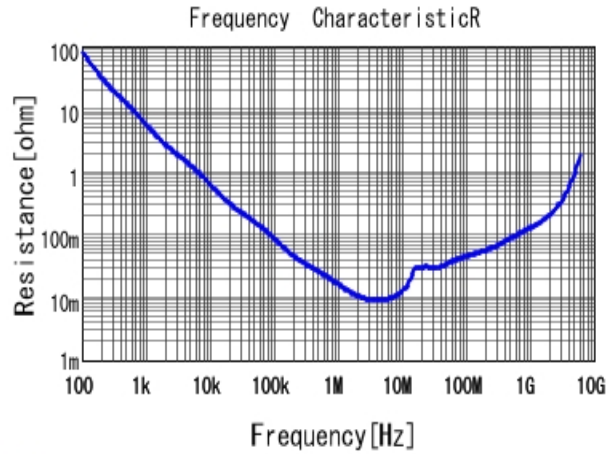
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Characteristic Data

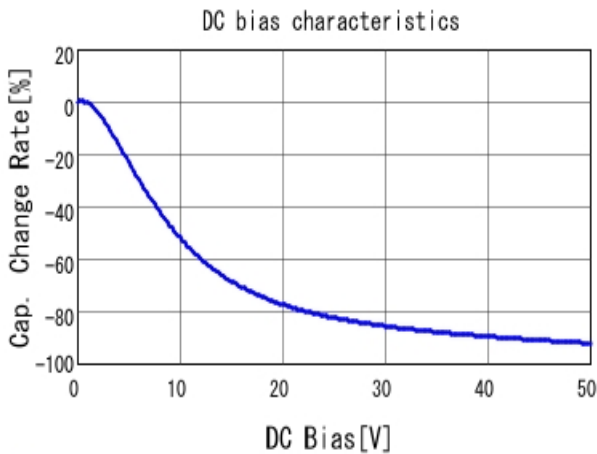
The charts below may show another part number which shares its characteristics.



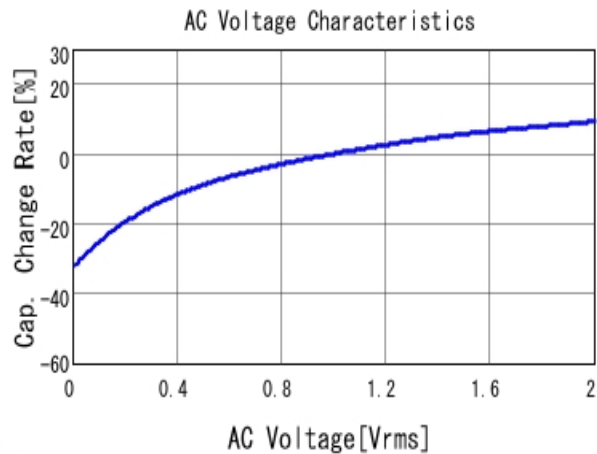
■ GRT188R61H105KE13 |Z| DCOV, 25degC



■ GRT188R61H105KE13 R DCOV, 25degC



■ GRT188R61H105KE13 C-DC bias capchange, 25.0degC, AC1.



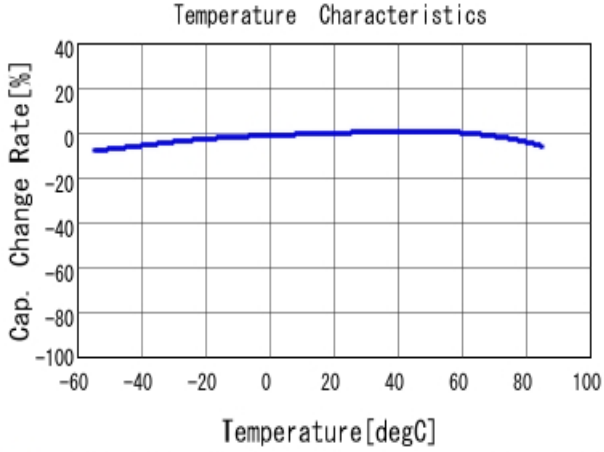
■ GRT188R61H105KE13 C-AC Voltage capchange, DCOV, 25.0d

Attention

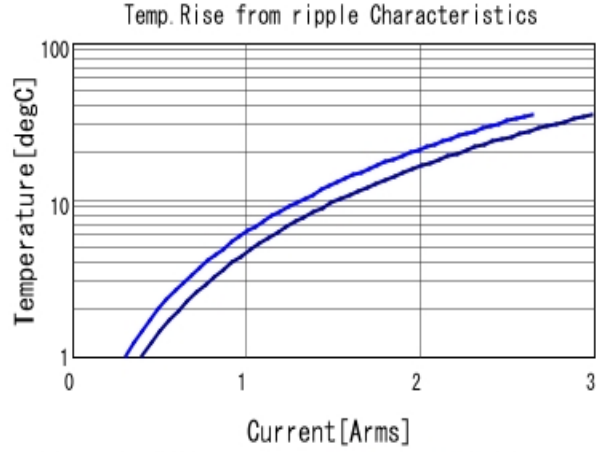
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■ GRT188R61H105KE13 C-Temp. capchange, DC0.0V, AC1.0V_rm



■ GRT188R61H105KE13 Temp. rise ■ 500kHz ■ 1MHz

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