

GRT188R60J105KE01#

“#” at the end indicates the package specification code.



< List of part numbers with package codes >

GRT188R60J105KE01D
GRT188R60J105KE01V

GRT188R60J105KE01W

GRT188R60J105KE01J

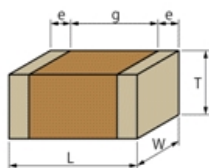
Applications

| | |
|-------------------------|--|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | Automotive infotainment/comfort equipment, Industrial Equipment, Medical equipment [GHTF A/B/C] except for implant equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product. |

Notices

Derating 1

Appearance & Shape



References

| Packaging | Specifications | Standard Packing Quantity |
|-----------|-----------------------------|---------------------------|
| D | φ180mm Reel Paper Tape | 4000 |
| W | φ180mm Reel W8P2 Paper Tape | 8000 |
| J | φ330mm Reel Paper Tape | 10000 |
| V | φ330mm Reel W8P2 Paper Tape | 30000 |

| Mass (typ.) | |
|-------------|-------|
| 1 piece | 6.3mg |

Attention

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2. This datasheet has only typical specifications because there is no space for detailed specifications.

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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 | 6.3Vdc |
| 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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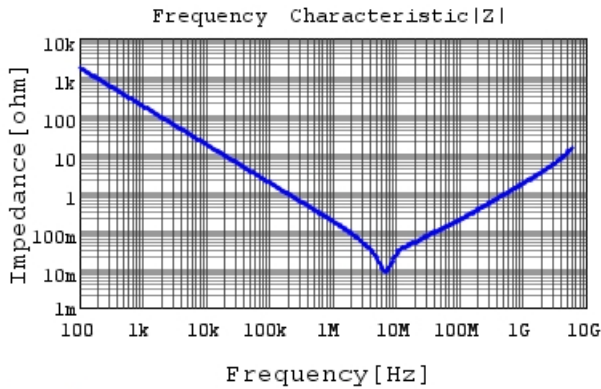
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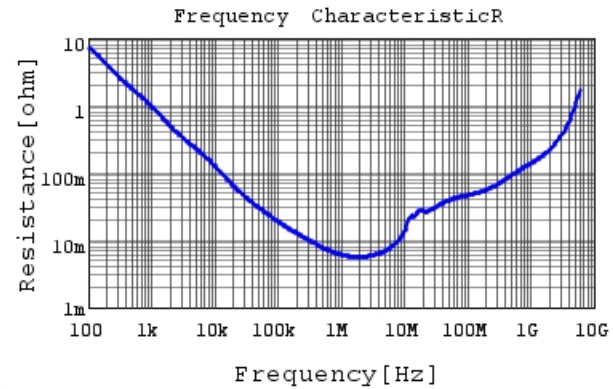


Characteristic Data

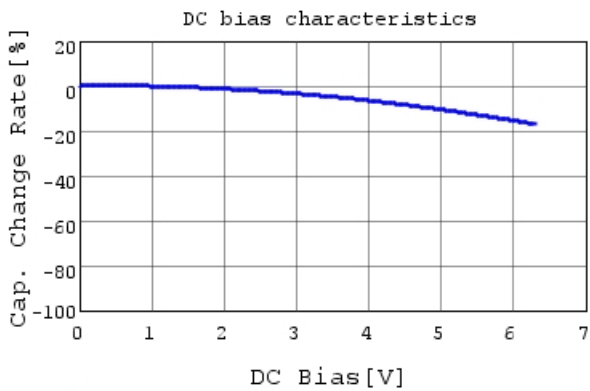
The charts below may show another part number which shares its characteristics.



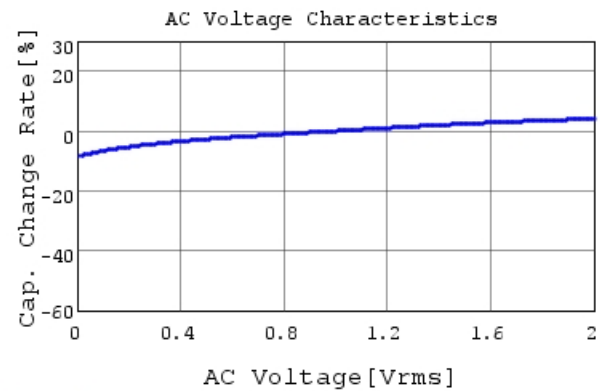
GRT188R60J105KE01 |Z| DCOV, 25degC



GRT188R60J105KE01 R DCOV, 25degC



GRT188R60J105KE01 C-DC bias capchange, 25.0C



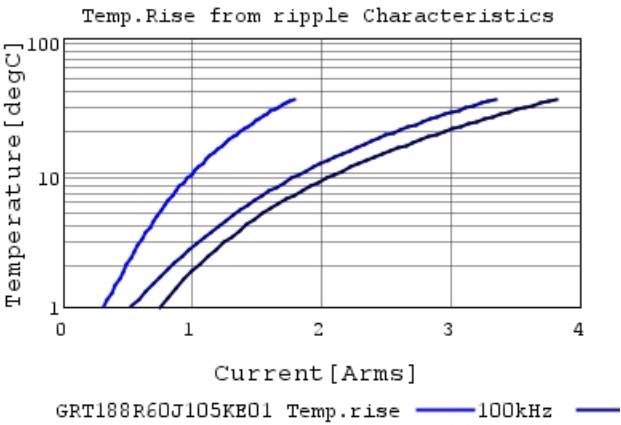
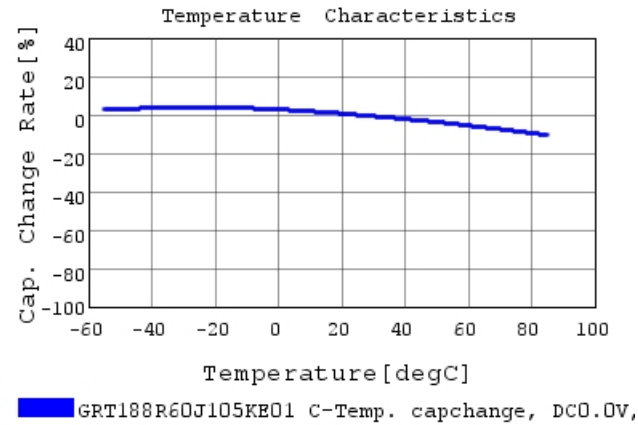
GRT188R60J105KE01 C-AC Voltage capchange, D

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