

GRT155R6YA105KE13#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRT155R6YA105KE13D GRT155R6YA105KE13J

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	10000
J	330mm Paper Tape	40000

Mass (typ.)	
1 piece	1.6mg
φ180mm Reel	118g

Notices

Derating1

Attention

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Specifications

Length	1.0±0.1mm
Width	0.5±0.1mm
Thickness	0.5±0.1mm
Capacitance	1.0μF ±10%
Distance between external terminals g	0.3mm min.
External terminal size e	0.15 to 0.35mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	35Vdc
Size code in inch(mm)	0402 (1005M)
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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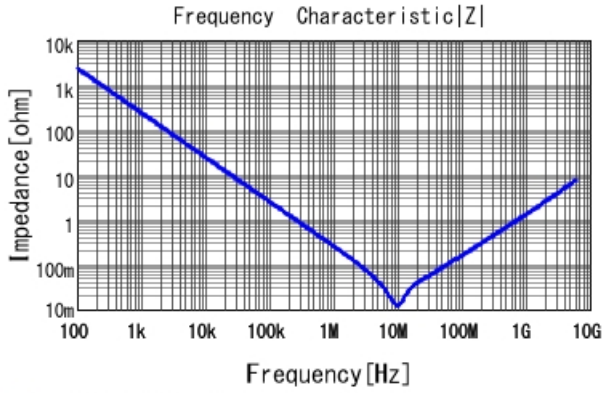
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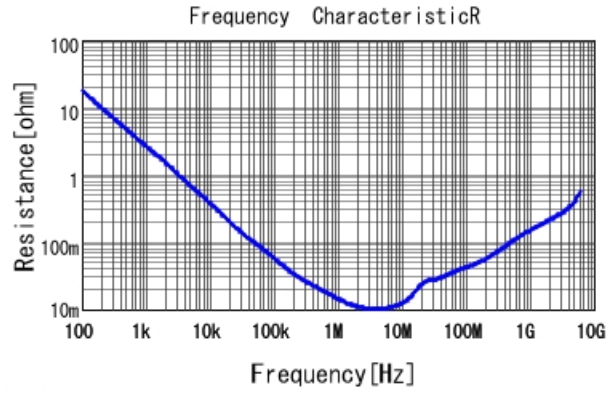


Characteristic Data

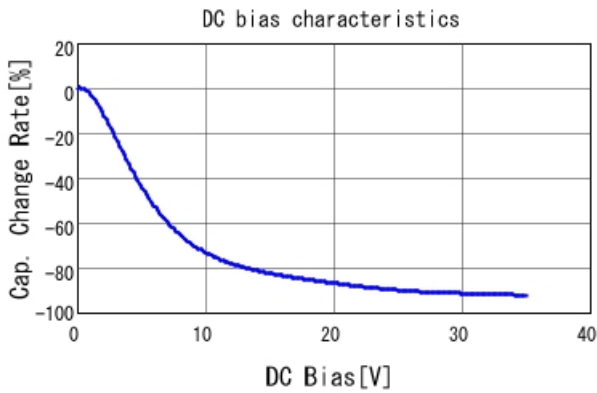
The charts below may show another part number which shares its characteristics.



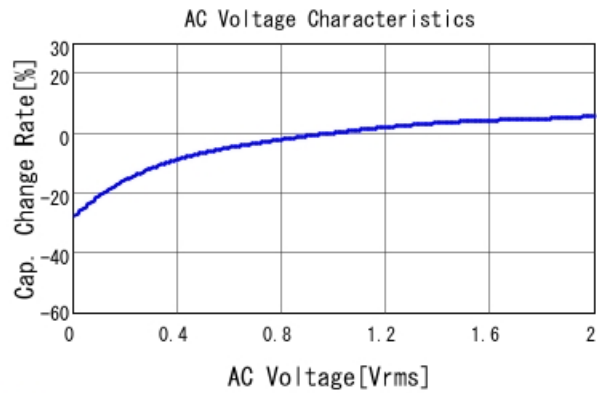
■ GRT155R6YA105KE13 |Z| DCOV, 25degC



■ GRT155R6YA105KE13 R DCOV, 25degC



■ GRT155R6YA105KE13 C-DC bias capchange, 25.0degC, AC1V



■ GRT155R6YA105KE13 C-AC Voltage capchange, DCOV, 25.0d

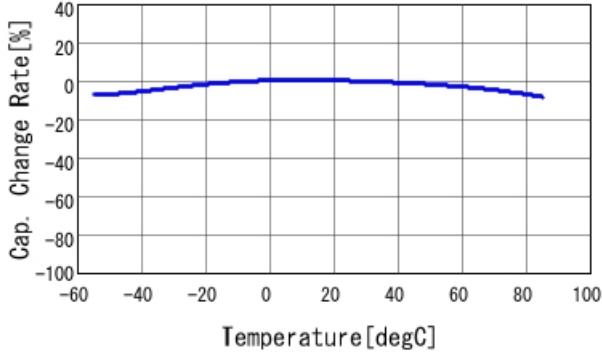
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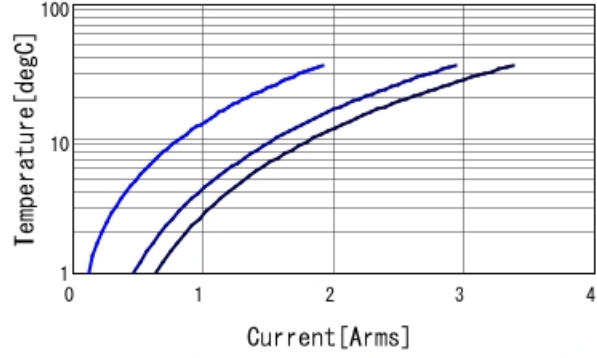
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Temperature Characteristics



GRT155R6YA105KE13 C-Temp. capchange, DCO. 0V, ACO. 5Vrm

Temp. Rise from ripple Characteristics



GRT155R6YA105KE13 Temp. rise ■ 100kHz ■ 500kHz ■ 1MHz

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