

# GRT155R70J105KE01#

“#” indicates a package specification code.



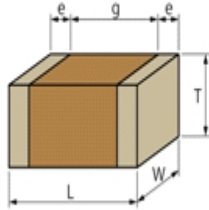
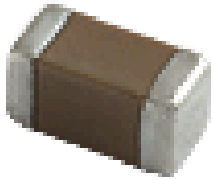
## < List of part numbers with package codes >

GRT155R70J105KE01J

GRT155R70J105KE01W

GRT155R70J105KE01D

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
J	330mm Paper Tape	50000
W	180mm Paper Tape (W8P1)	20000
D	180mm Paper Tape	10000

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

## Notices

Derating1

### Attention

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## Specifications

Length	1.0±0.05mm
Width	0.5±0.05mm
Thickness	0.5±0.05mm
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 125°C
Rated Voltage	6.3Vdc
Size code in inch(mm)	0402 (1005M)
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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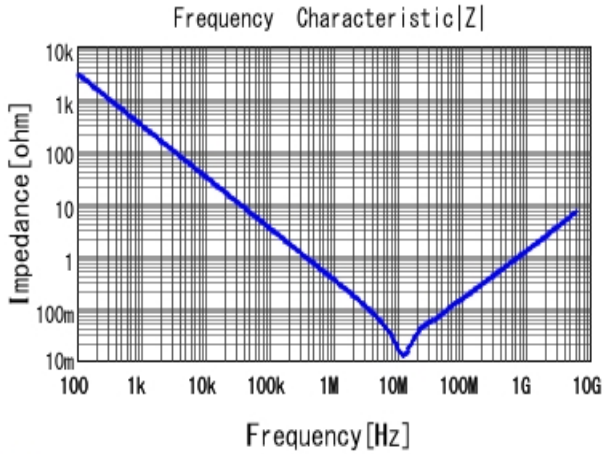
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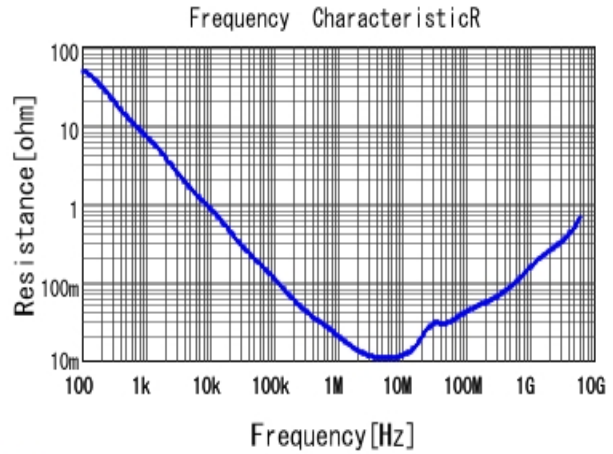
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## Characteristic Data

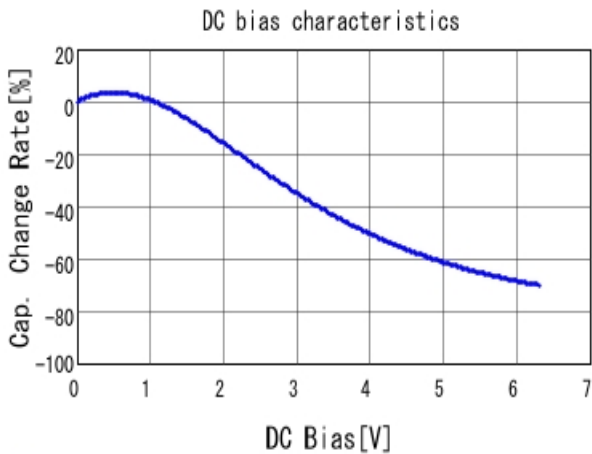
The charts below may show another part number which shares its characteristics.



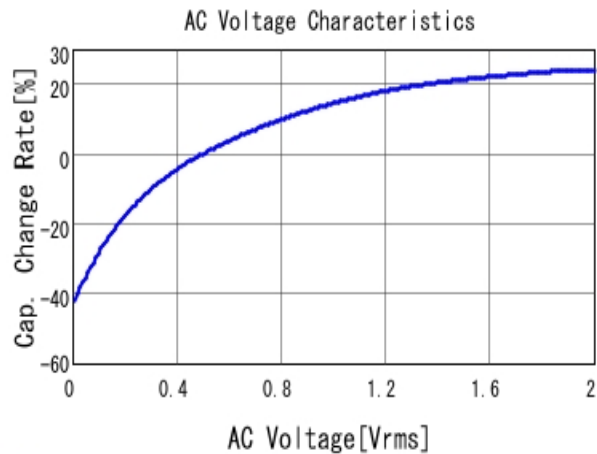
■ GRT155R70J105KE01 |Z| DCOV, 25degC



■ GRT155R70J105KE01 R DCOV, 25degC



■ GRT155R70J105KE01 C-DC bias capchange, 25.0degC, AC0.



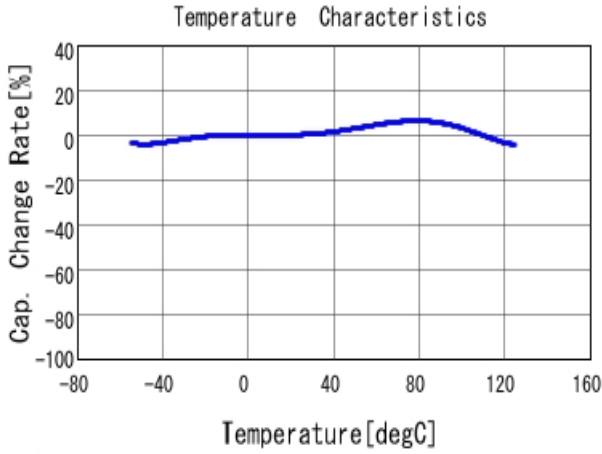
■ GRT155R70J105KE01 C-AC Voltage capchange, DCOV, 25.0d

**Attention**

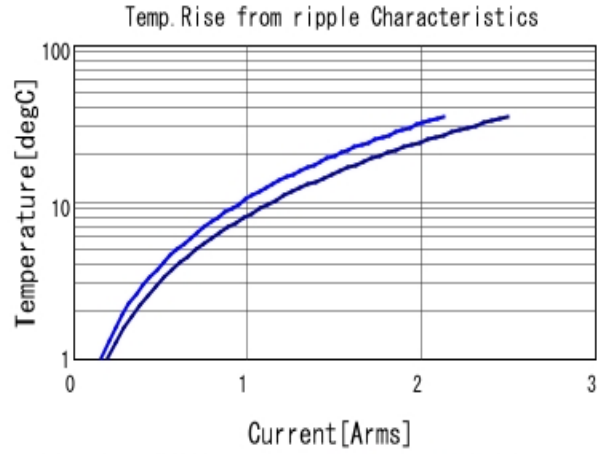
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■ GRT155R70J105KE01 C-Temp. capchange, DCO. 0V, ACO. 5V<sub>rm</sub>



■ GRT155R70J105KE01 Temp. rise ■ 500kHz ■ 1MHz

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