

# GRT155R71E103KE01#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRT155R71E103KE01J GRT155R71E103KE01W GRT155R71E103KE01D

## Appearance & Shape



## References

Packaging	Specifications	Minimum Order 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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2.This datasheet has only typical specifications because there is no space for detailed specifications.

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## Specifications

Length	1.0±0.05mm
Width	0.5±0.05mm
Thickness	0.5±0.05mm
Capacitance	10000pF ±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	25Vdc
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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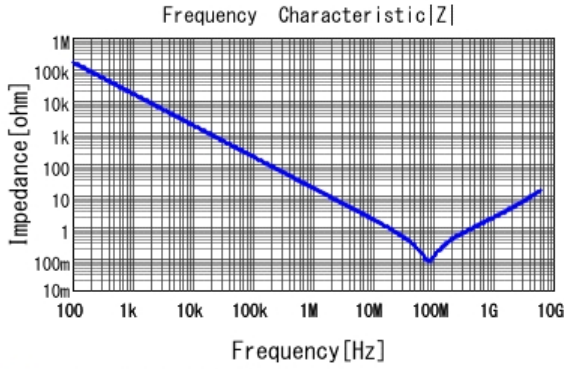
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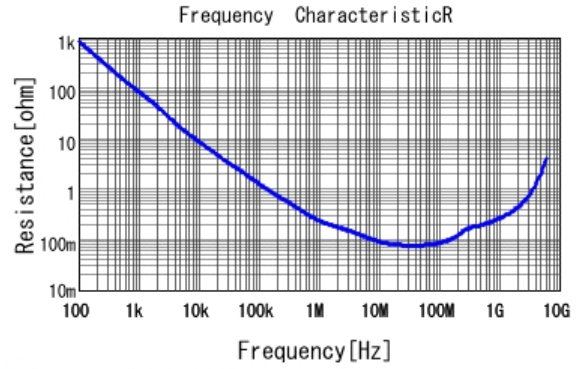
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## Characteristic Data

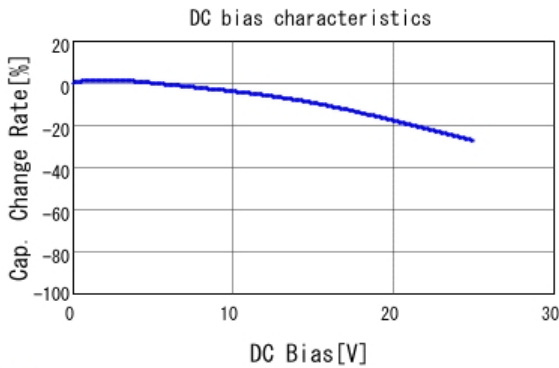
The charts below may show another part number which shares its characteristics.



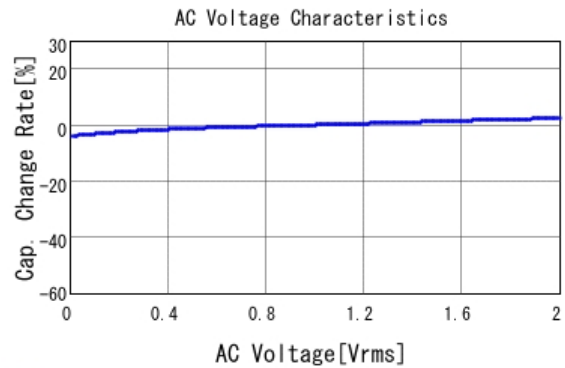
■ GRT155R71E103KE01 |Z| DC0V, 25degC



■ GRT155R71E103KE01 R DC0V, 25degC



■ GRT155R71E103KE01 C-DC bias capchange, 25.0degC, AC1.



■ GRT155R71E103KE01 C-AC Voltage capchange, DC0V, 25.0d

**Attention**

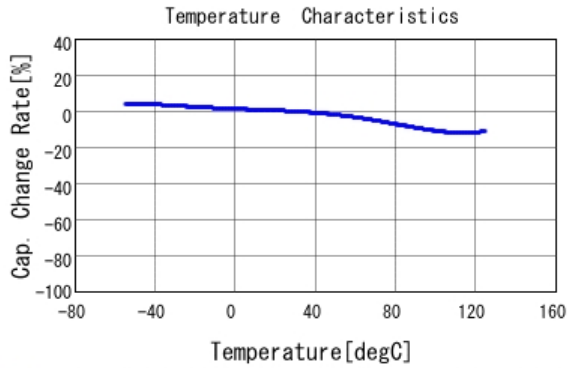
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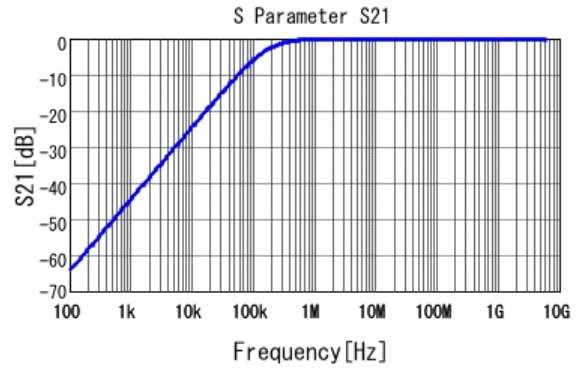
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■ GRT155R71E103KE01 C-Temp. capchange, DC0.0V, AC1.0Vrm



■ GRT155R71E103KE01 S21 DC0V, 25degC

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