

# GRT033R71E102KE01#

“#” indicates a package specification code.



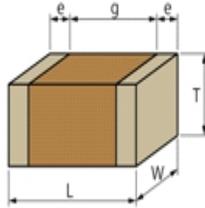
< List of part numbers with package codes >

GRT033R71E102KE01J

GRT033R71E102KE01D

GRT033R71E102KE01W

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
J	330mm Paper Tape	50000
D	180mm Paper Tape	15000
W	180mm Paper Tape (W8P1)	30000

Mass (typ.)	
1 piece	0.33mg
φ180mm Reel	118g

## Notices

Derating1

### Attention

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## Specifications

Length	0.6±0.03mm
Width	0.3±0.03mm
Thickness	0.3±0.03mm
Capacitance	1000pF ±10%
Distance between external terminals g	0.2mm min.
External terminal size e	0.1 to 0.2mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	25Vdc
Size code in inch(mm)	0201 (0603M)
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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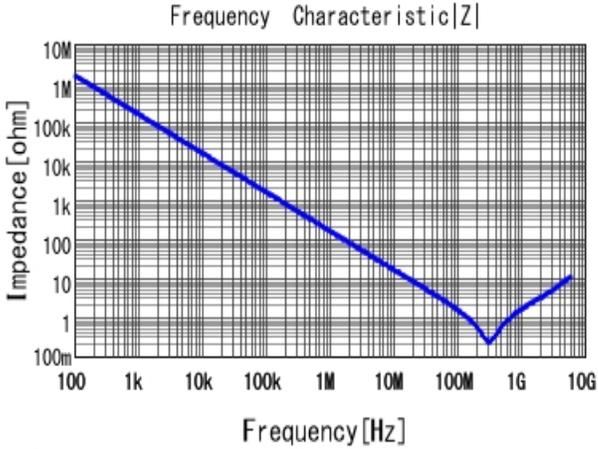
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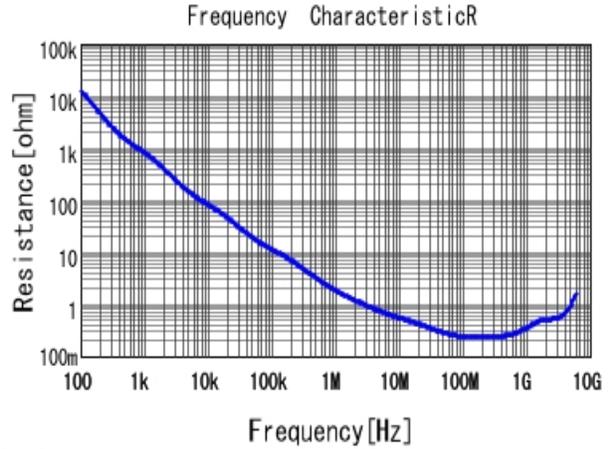
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## Characteristic Data

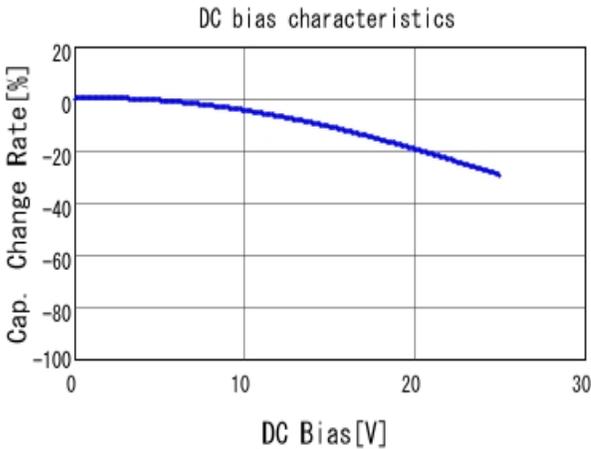
The charts below may show another part number which shares its characteristics.



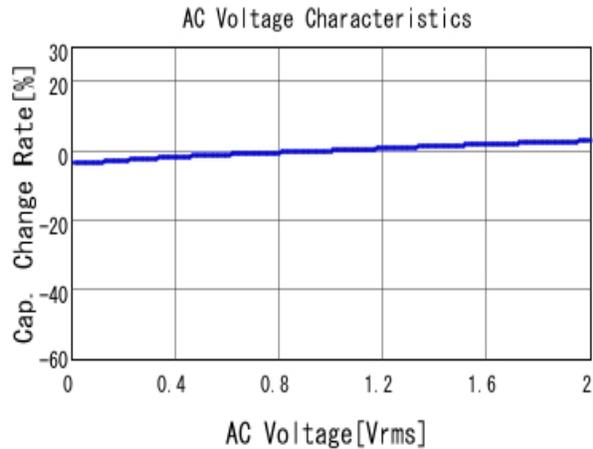
■ GRT033R71E102KE01 |Z| DCOV, 25degC



■ GRT033R71E102KE01 R DCOV, 25degC



■ GRT033R71E102KE01 C-DC bias capchange, 25.0degC, AC1.



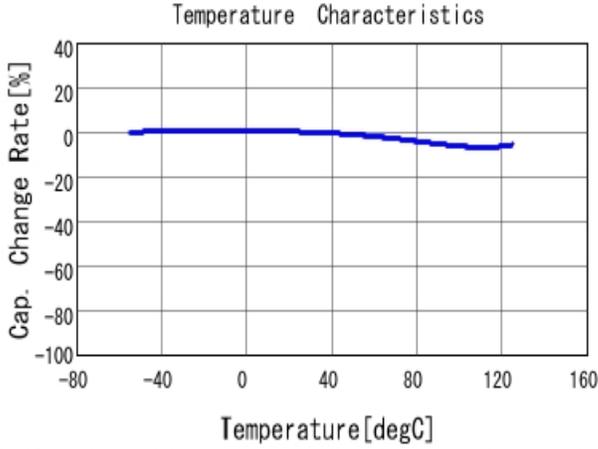
■ GRT033R71E102KE01 C-AC Voltage capchange, DCOV, 25.0d

**Attention**

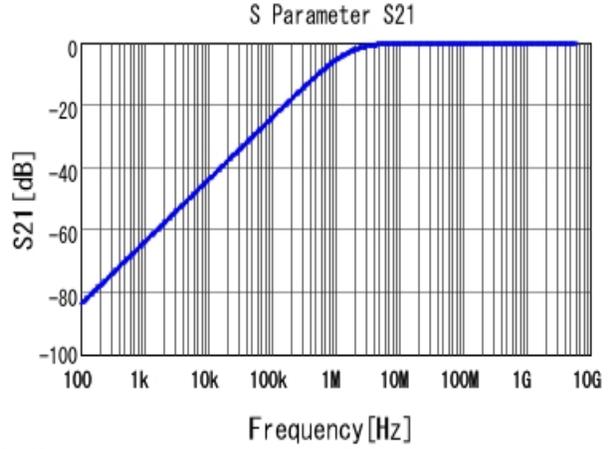
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■ GRT033R71E102KE01 C-Temp. capchange, DC0.0V, AC1.0Vrm



■ GRT033R71E102KE01 S21 DC0V, 25degC

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