

# GRT033R61A224KE01#

“#” indicates a package specification code.



## < List of part numbers with package codes >

GRT033R61A224KE01D

GRT033R61A224KE01W

GRT033R61A224KE01J

## Appearance & Shape



## References

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

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

## Notices

Derating1

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## Specifications

Length	0.6±0.03mm
Width	0.3±0.03mm
Thickness	0.3±0.03mm
Capacitance	0.22μF ±10%
Distance between external terminals g	0.2mm min.
External terminal size e	0.1 to 0.2mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	10Vdc
Size code in inch(mm)	0201 (0603M)
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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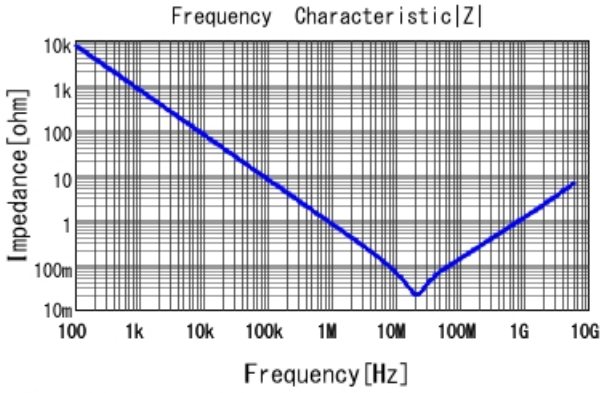
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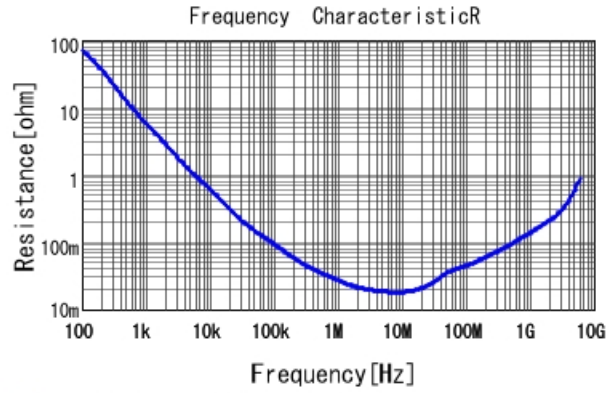


## Characteristic Data

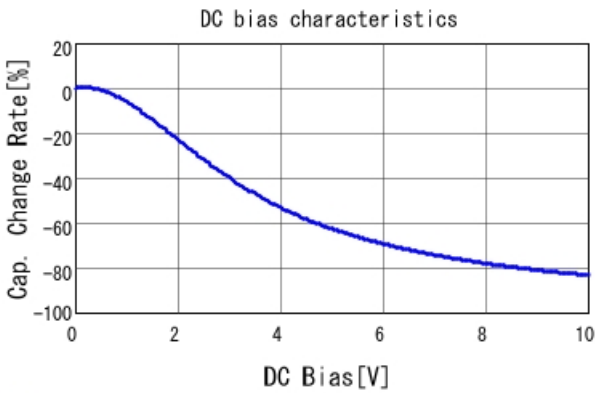
The charts below may show another part number which shares its characteristics.



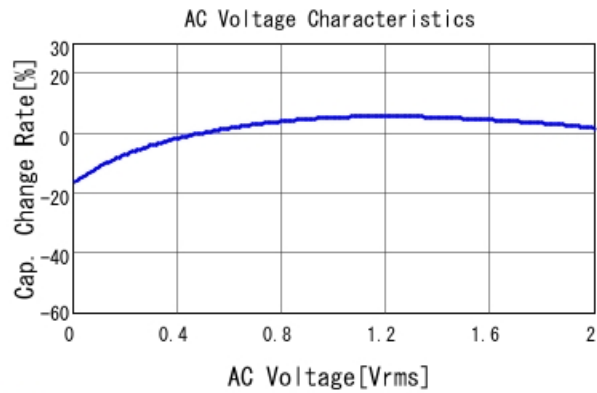
■ GRT033R61A224KE01 |Z| DCOV, 25degC



■ GRT033R61A224KE01 R DCOV, 25degC



■ GRT033R61A224KE01 C-DC bias capchange, 25.0degC, AC0.



■ GRT033R61A224KE01 C-AC Voltage capchange, DCOV, 25.0d

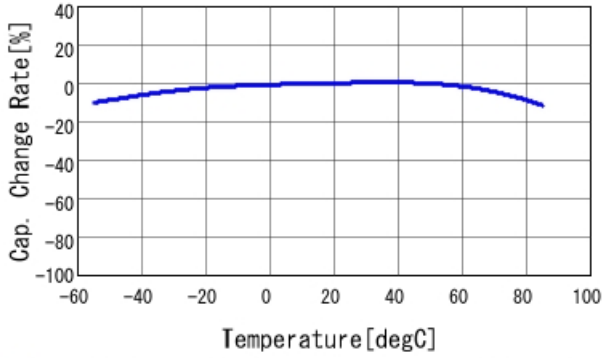
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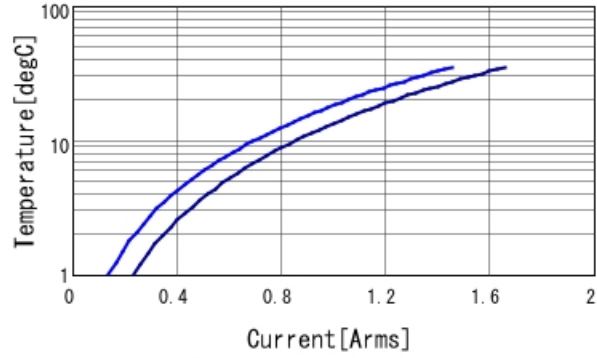
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Temperature Characteristics



■ GRT033R61A224KE01 C-Temp. capchange, DCO. 0V, ACO. 2V<sub>rm</sub>

Temp. Rise from ripple Characteristics



GRT033R61A224KE01 Temp. rise ■ 600kHz ■ 1MHz

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