

# GRT31CR61H106KE01#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRT31CR61H106KE01L      GRT31CR61H106KE01K

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
L	180Embossed Tape	2000
K	330Embossed Tape	6000

Mass (typ.)	
1 piece	52.0mg
φ180mm Reel	144g

## Notices

Derating1

### Attention

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- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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## Specifications

Length	3.2±0.2mm
Width	1.6±0.2mm
Thickness	1.6±0.2mm
Capacitance	10µF ±10%
Distance between external terminals g	1.5mm min.
External terminal size e	0.3 to 0.8mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	50Vdc
Size code in inch(mm)	1206 (3216M)
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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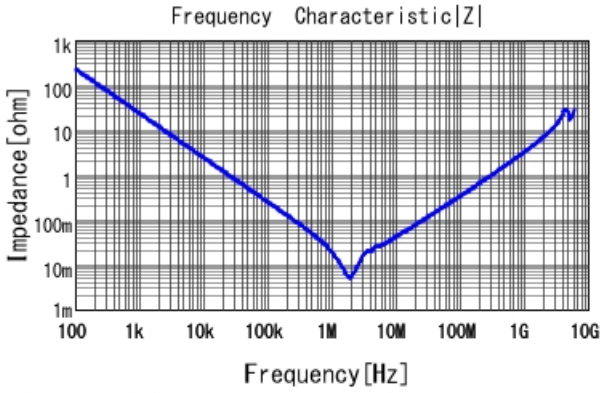
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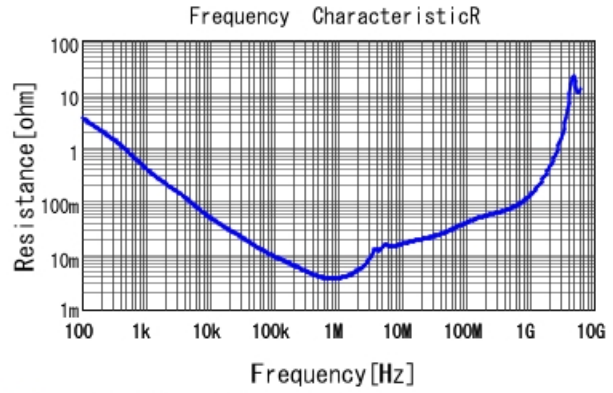


## Characteristic Data

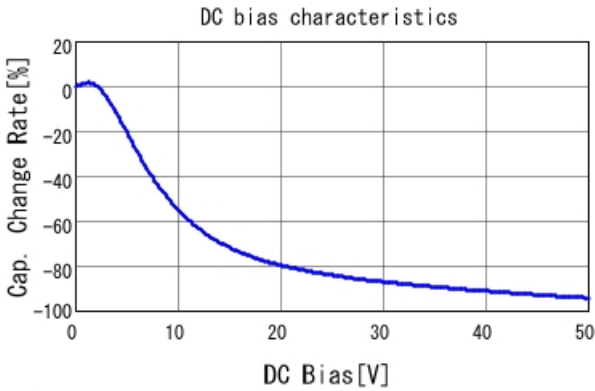
The charts below may show another part number which shares its characteristics.



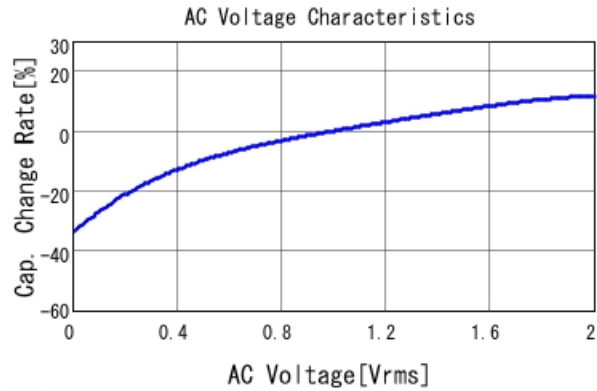
■ GRT31CR61H106KE01 |Z| DCOV, 25degC



■ GRT31CR61H106KE01 R DCOV, 25degC



■ GRT31CR61H106KE01 C-DC bias capchange, 25.0degC, AC1.



■ GRT31CR61H106KE01 C-AC Voltage capchange, DCOV, 25.0d

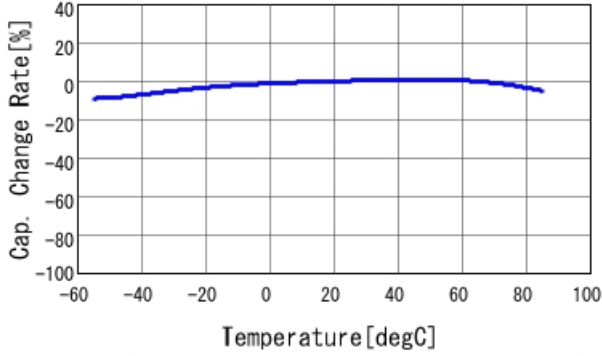
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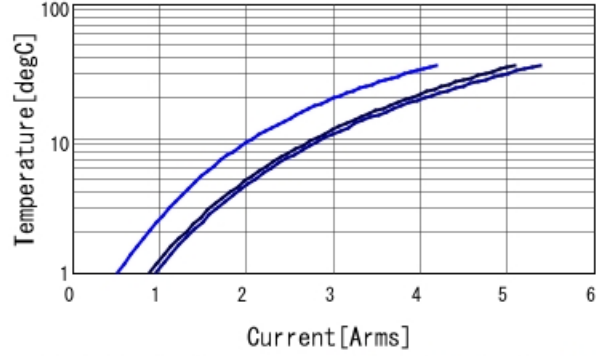
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Temperature Characteristics



■ GRT31CR61H106KE01 C-Temp. capchange, DCO. 0V, AC1. 0Vrm

Temp. Rise from ripple Characteristics



■ GRT31CR61H106KE01 Temp. rise ■ 100kHz ■ 500kHz ■ 1MHz

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