

# GRM31CR60J476KE19#

“#” indicates a package specification code.



## < List of part numbers with package codes >

GRM31CR60J476KE19L      GRM31CR60J476KE19K

## 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

### Attention

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## Specifications

Length	3.2±0.2mm
Width	1.6±0.2mm
Thickness	1.6±0.2mm
Capacitance	47µF ±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	6.3Vdc
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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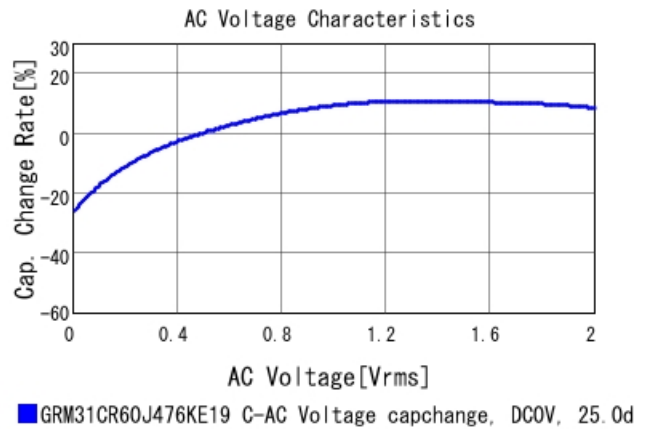
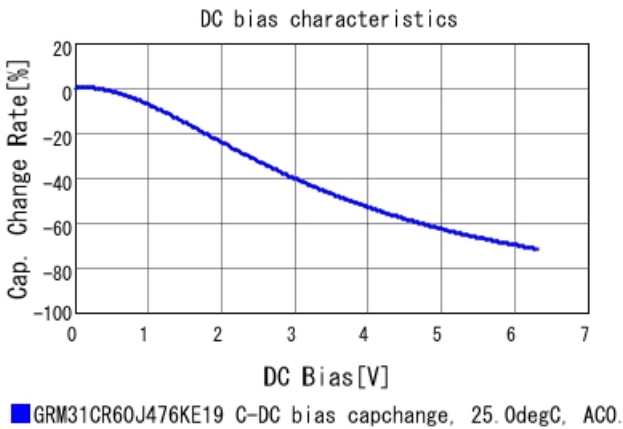
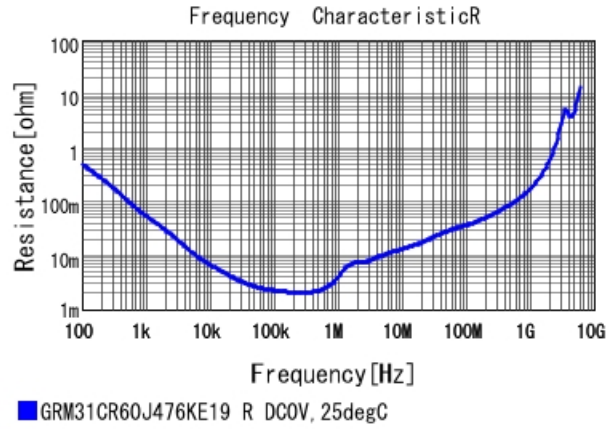
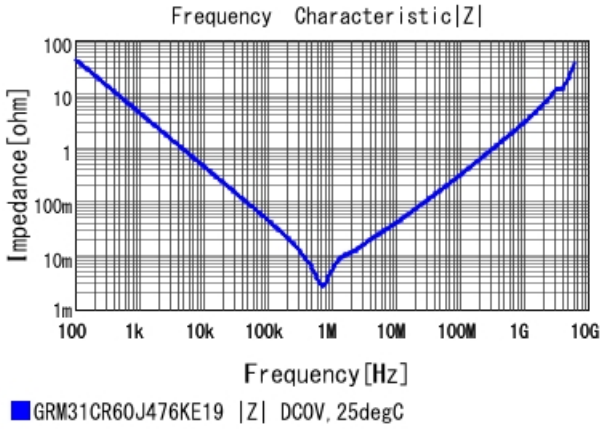
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## Characteristic Data

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



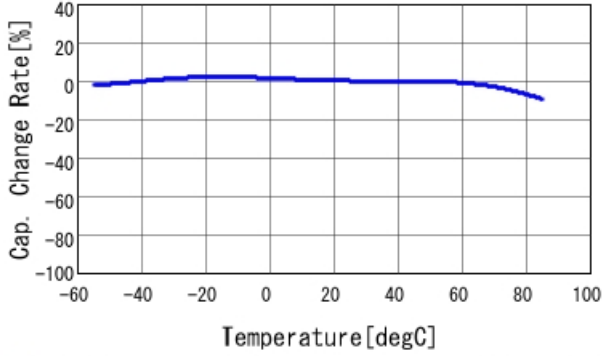
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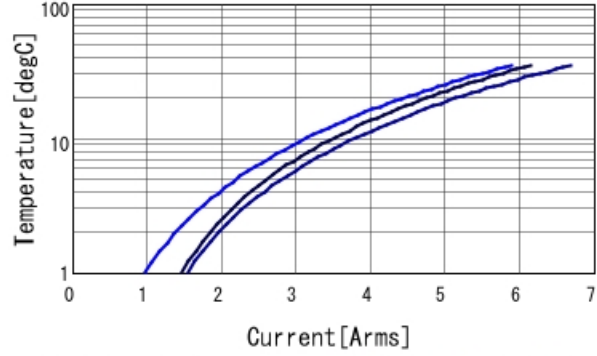
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Temperature Characteristics



■ GRM31CR60J476KE19 C-Temp. capchange, DCO. 0V, ACO. 5Vrm

Temp. Rise from ripple Characteristics



GRM31CR60J476KE19 Temp. rise ■ 60kHz ■ 300kHz ■ 600kHz

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