

GRM31CR60G227ME11#

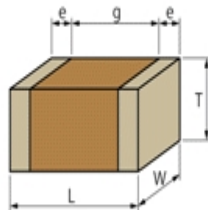
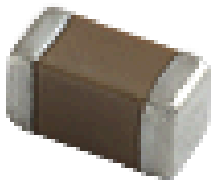
“#” indicates a package specification code.



< List of part numbers with package codes >

GRM31CR60G227ME11K GRM31CR60G227ME11L

Appearance & Shape



References

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

Mass (typ.)	
1 piece	64.0mg
φ180mm Reel	169g

Notices

Measure capacitance after heat treatment

Attention

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Specifications

Length	3.2±0.3mm
Width	1.6±0.3mm
Thickness	1.6±0.3mm
Capacitance	220μF ±20%
Distance between external terminals g	1.5mm min.
External terminal size e	0.3 to 0.9mm
Operating Temperature Range	-55°C to 85°C
Rated Voltage	4Vdc
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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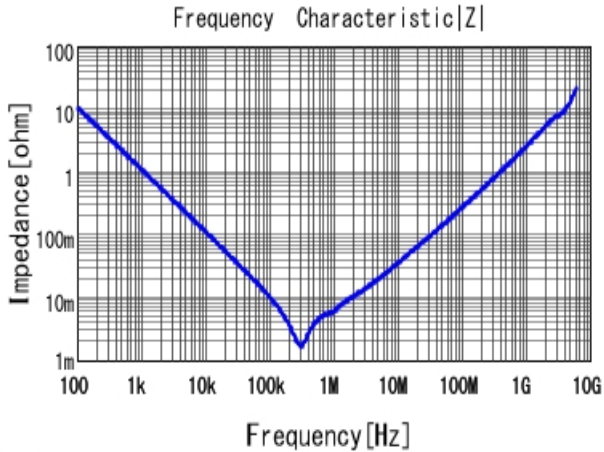
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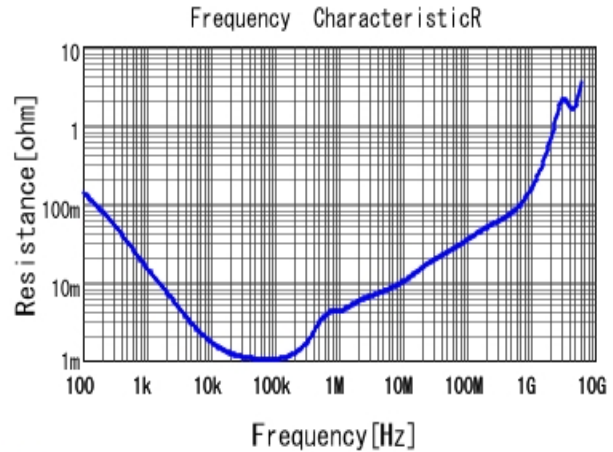


Characteristic Data

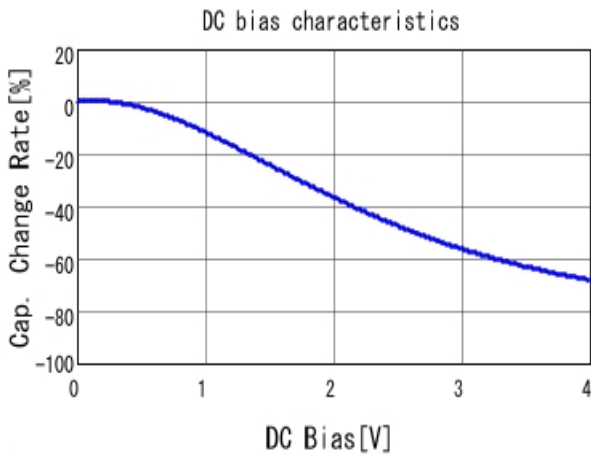
The charts below may show another part number which shares its characteristics.



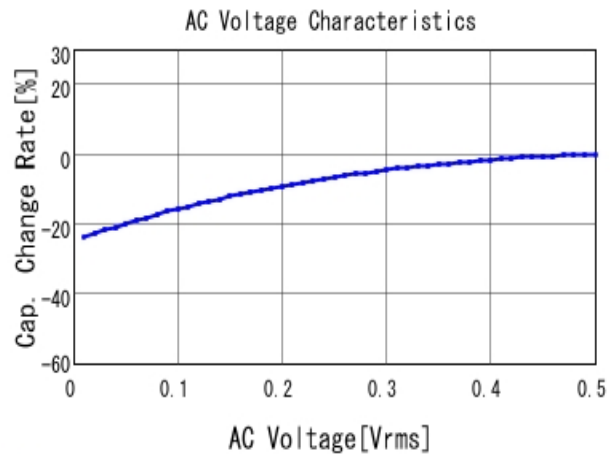
■ GRM31CR60G227ME11 |Z| DC0V, 25degC



■ GRM31CR60G227ME11 R DC0V, 25degC



■ GRM31CR60G227ME11 C-DC bias capchange, 25.0degC, AC0.



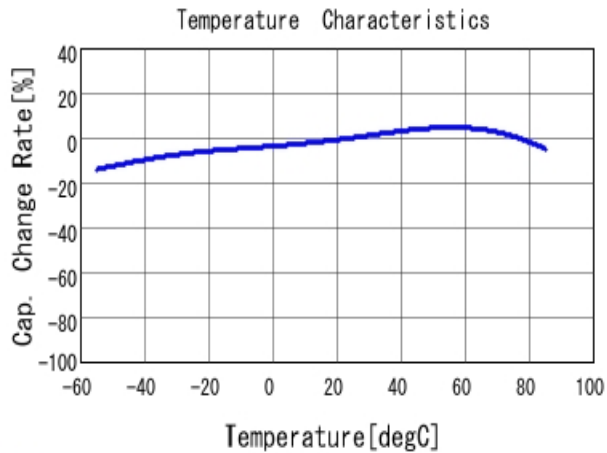
■ GRM31CR60G227ME11 C-AC Voltage capchange, DC0V, 25.0d

Attention

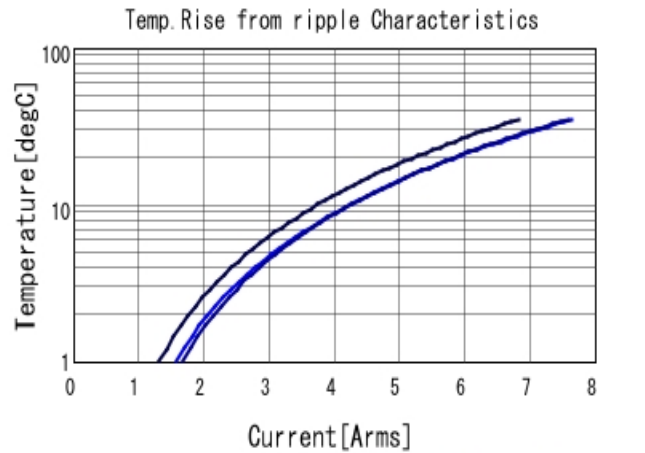
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■ GRM31CR60G227ME11 C-Temp. capchange, DCO. 0V, ACO. 1V_{rm}



GRM31CR60G227ME11 Temp. rise ■ 50kHz ■ 200kHz ■ 400kHz

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