

# GRM31CC80G227ME11#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM31CC80G227ME11L GRM31CC80G227ME11K

## Appearance & Shape



## References

Packaging	Specifications	Minimum Order Quantity
L	180Embossed Tape	2000
K	330Embossed Tape	6000

Mass (typ.)	
1 piece	64mg
φ180mm Reel	169g

## Notices

Derating1. Only for mobile devices. Measure capacitance after heat treatment

### Attention

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2.This datasheet has only typical specifications because there is no space for detailed specifications.

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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 105°C
Rated Voltage	4Vdc
Size code in inch(mm)	1206 (3216M)
Capacitance change rate	±22.0%
Temperature characteristics (complied standard)	X6S(EIA)
Temperature range of temperature characteristics	-55°C to 105°C

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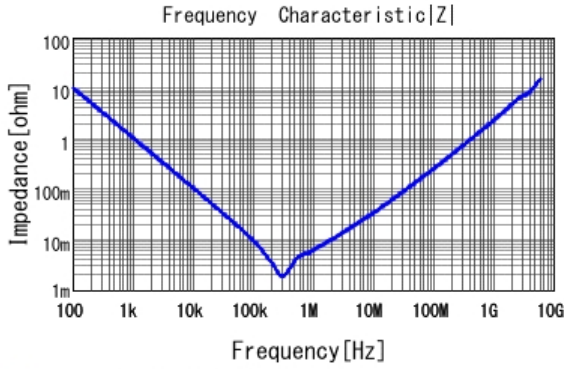
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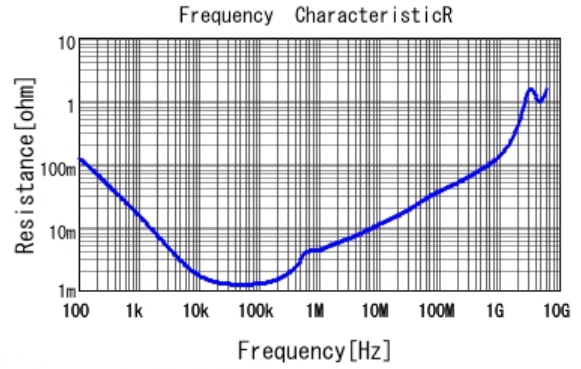
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## Characteristic Data

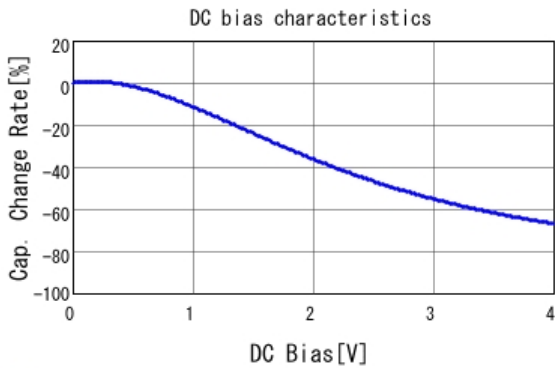
The charts below may show another part number which shares its characteristics.



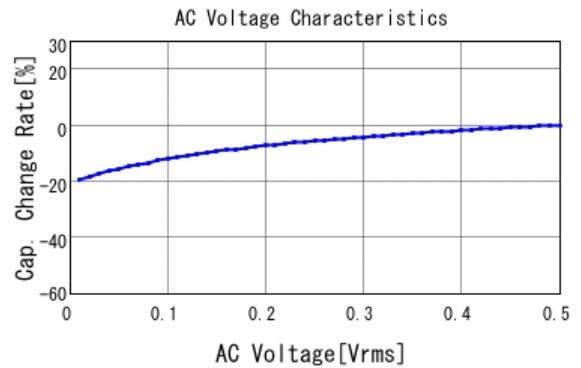
■ GRM31CC80G227ME11 |Z| DCOV, 25degC



■ GRM31CC80G227ME11 R DCOV, 25degC



■ GRM31CC80G227ME11 C-DC bias capchange, 25.0degC, AC0.



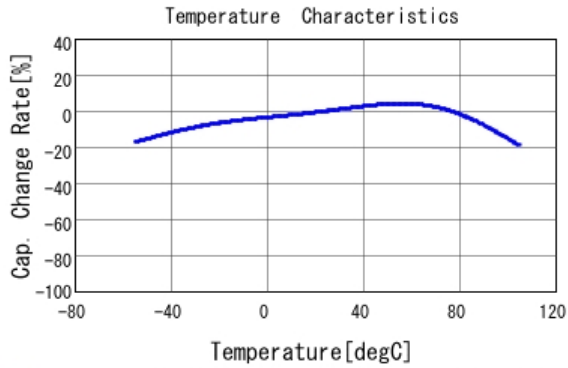
■ GRM31CC80G227ME11 C-AC Voltage capchange, DCOV, 25.0d

**Attention**

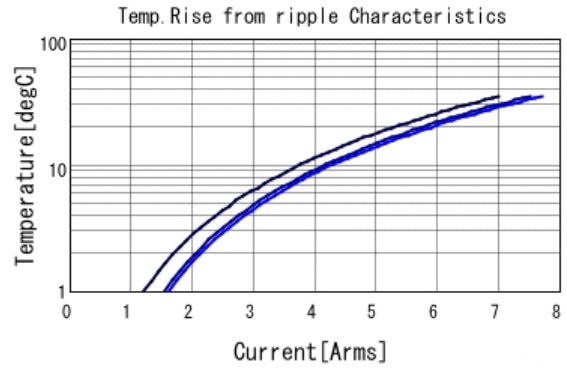
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■ GRM31CC80G227ME11 C-Temp. capchange, DC0.0V, AC0.05Vr



GRM31CC80G227ME11 Temp. rise ■ 50kHz ■ 200kHz ■ 400kHz

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