

# GRM319R71C105KAA3#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM319R71C105KAA3D      GRM319R71C105KAA3J

## Appearance & Shape



## References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

Mass (typ.)	
1 piece	24.0mg
φ180mm Reel	208g

### Attention

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## Specifications

Length	3.2±0.2mm
Width	1.6±0.2mm
Thickness	0.85±0.1mm
Capacitance	1.0μF ±10%
Distance between external terminals g	1.5mm min.
External terminal size e	0.3 to 0.8mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	16Vdc
Size code in inch(mm)	1206 (3216M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55°C to 125°C

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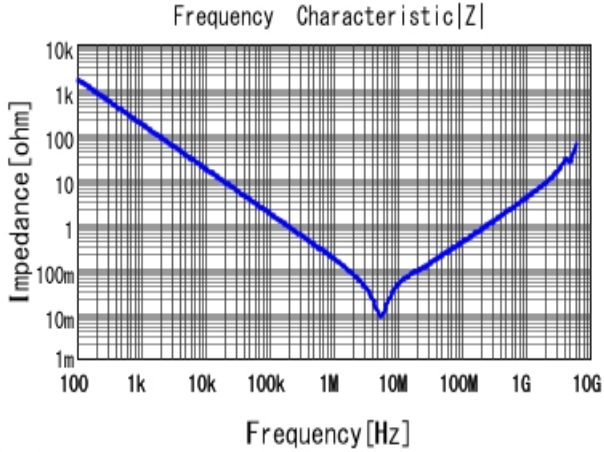
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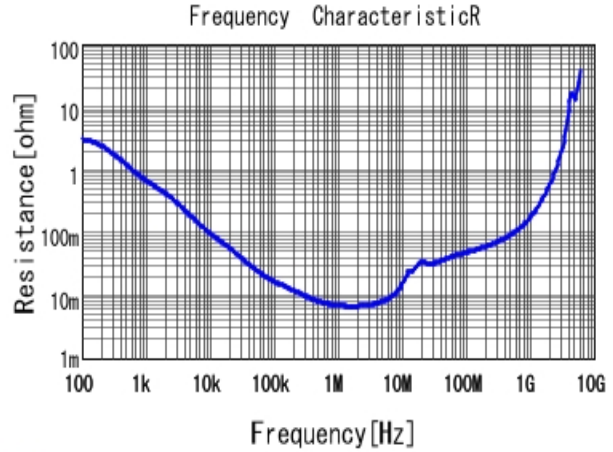
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## Characteristic Data

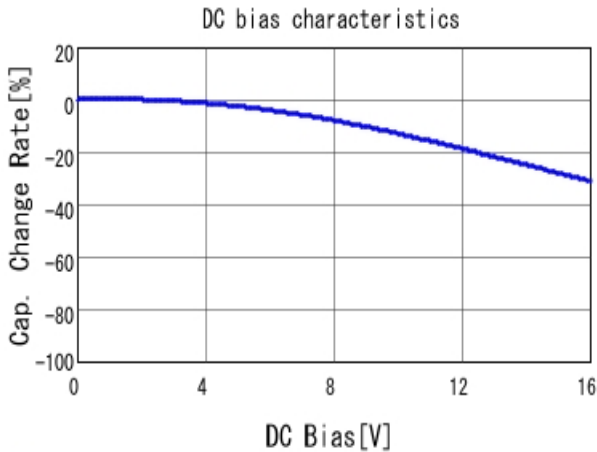
The charts below may show another part number which shares its characteristics.



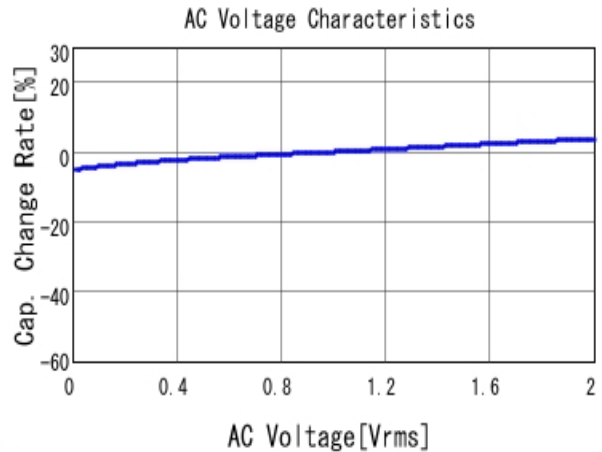
■ GRM319R71C105KAA3 |Z| DCOV, 25degC



■ GRM319R71C105KAA3 R DCOV, 25degC



■ GRM319R71C105KAA3 C-DC bias capchange, 25.0degC, AC1.



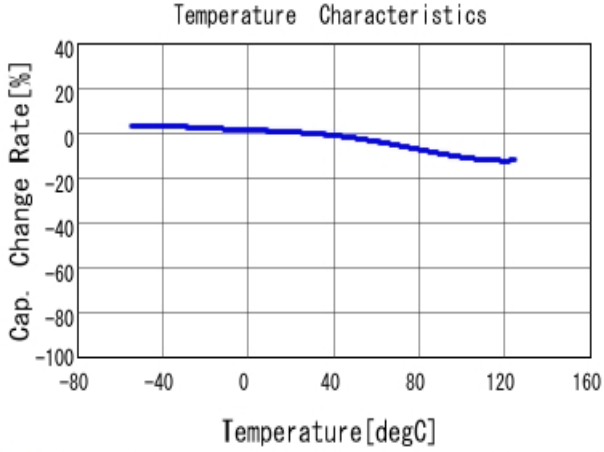
■ GRM319R71C105KAA3 C-AC Voltage capchange, DCOV, 25.0d

**Attention**

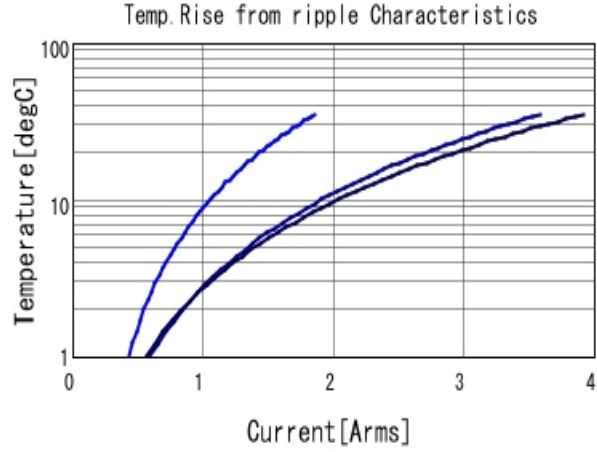
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■ GRM319R71C105KAA3 C-Temp. capchange, DC0.0V, AC1.0V<sub>r</sub>m



GRM319R71C105KAA3 Temp. rise ■ 100kHz ■ 500kHz ■ 1MHz

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