

GRM319R6YA106KA12#

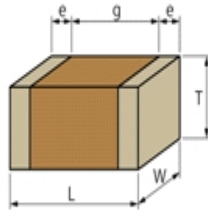
“#” indicates a package specification code.



< List of part numbers with package codes >

GRM319R6YA106KA12J GRM319R6YA106KA12D

Appearance & Shape



References

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

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

Notices

Derating1

Attention

- 1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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Specifications

Length	3.2±0.15mm
Width	1.6±0.15mm
Thickness	0.85±0.1mm
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	35Vdc
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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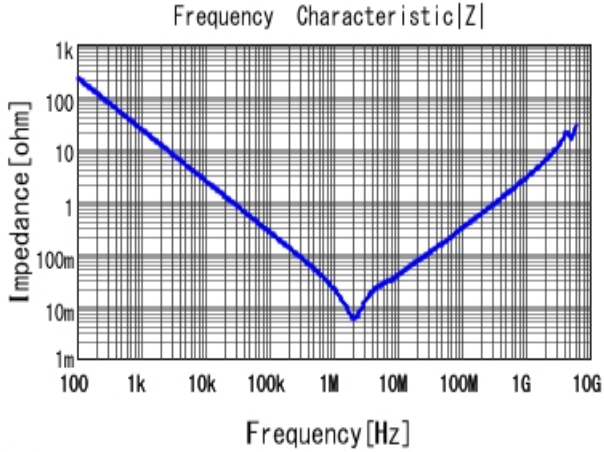
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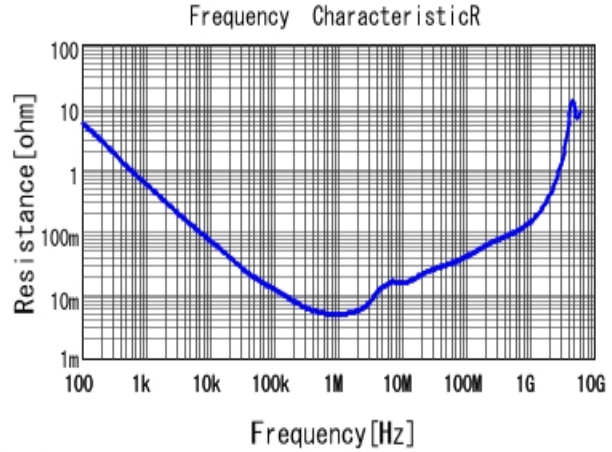
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Characteristic Data

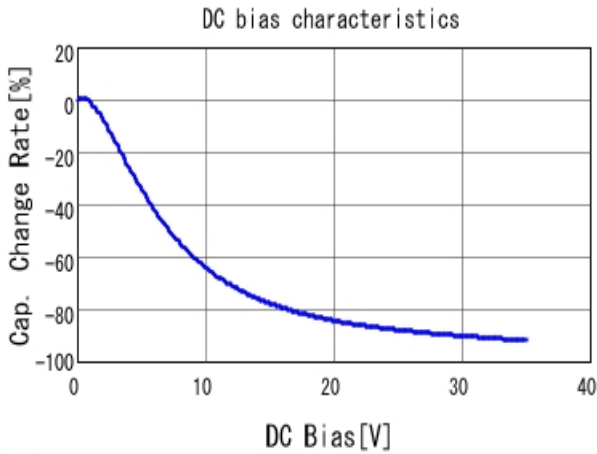
The charts below may show another part number which shares its characteristics.



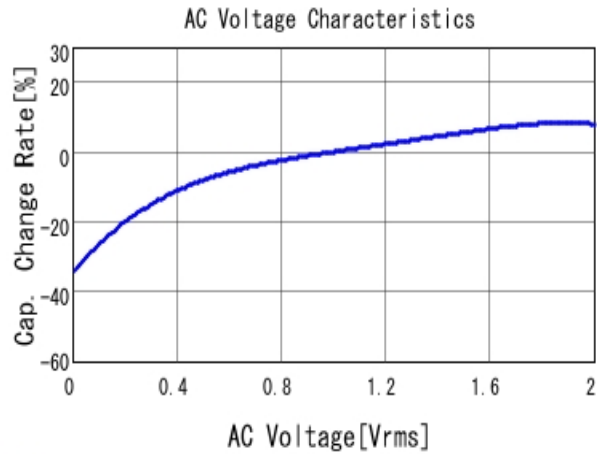
■ GRM319R6YA106KA12 |Z| DCOV, 25degC



■ GRM319R6YA106KA12 R DCOV, 25degC



■ GRM319R6YA106KA12 C-DC bias capchange, 25.0degC, AC1.



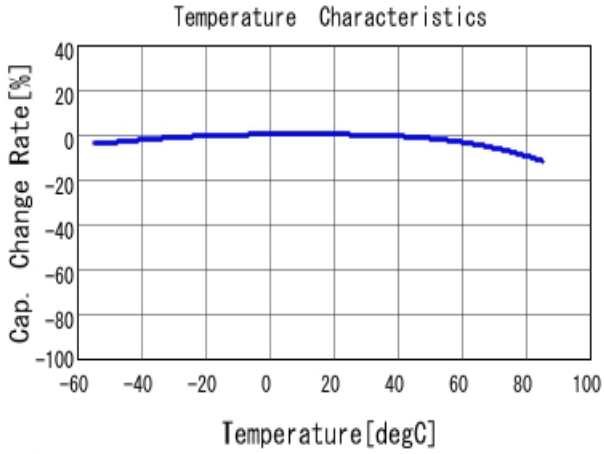
■ GRM319R6YA106KA12 C-AC Voltage capchange, DCOV, 25.0d

Attention

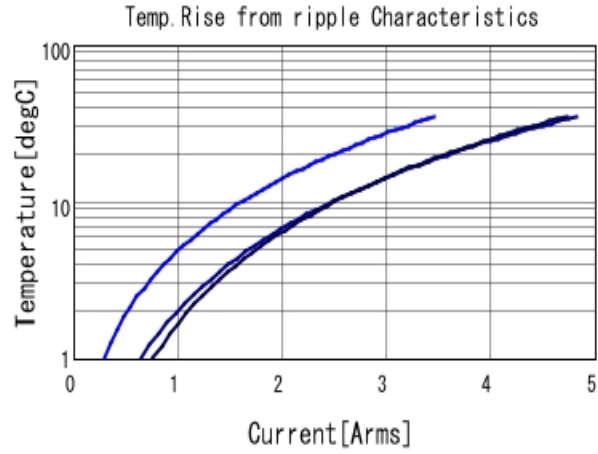
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■ GRM319R6YA106KA12 C-Temp. capchange, DCO. 0V, AC1.0V_{rm}



GRM319R6YA106KA12 Temp. rise ■ 80kHz ■ 400kHz ■ 800kHz

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