

GRM31CR71C106KA12#

“#” at the end indicates the package specification code.



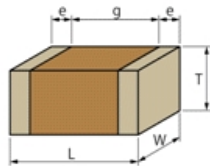
< List of part numbers with package codes >

GRM31CR71C106KA12L GRM31CR71C106KA12K

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTE A/B/C] except for implant equipment, Automotive infotainment/comfort equipment Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.

Appearance & Shape



Notices

Please use alternative.

References

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

Mass (typ.)	
1 piece	52.0mg

Attention
1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.
2. This datasheet has only typical specifications because there is no space for detailed specifications.
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Specifications

Length	3.2±0.2mm
Width	1.6±0.2mm
Thickness	1.6±0.2mm
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 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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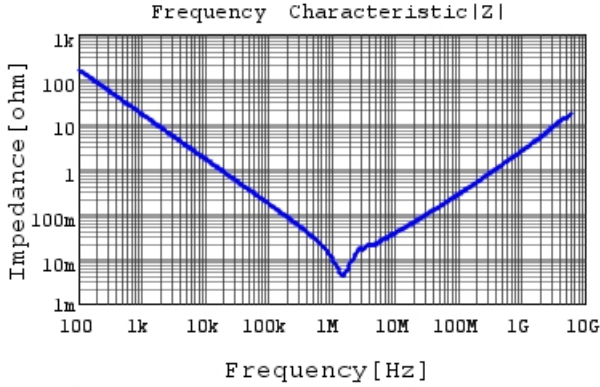
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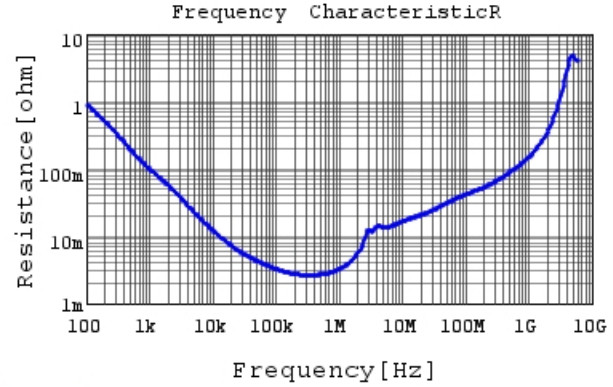


Characteristic Data

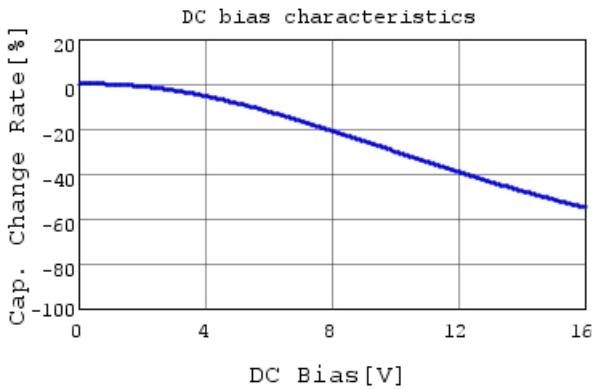
The charts below may show another part number which shares its characteristics.



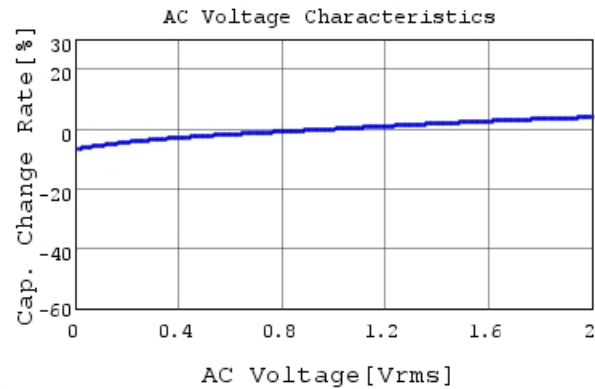
GRM31CR71C106KA12 |Z| DCOV, 25degC



GRM31CR71C106KA12 R DCOV, 25degC



GRM31CR71C106KA12 C-DC bias capchange, 25.0c



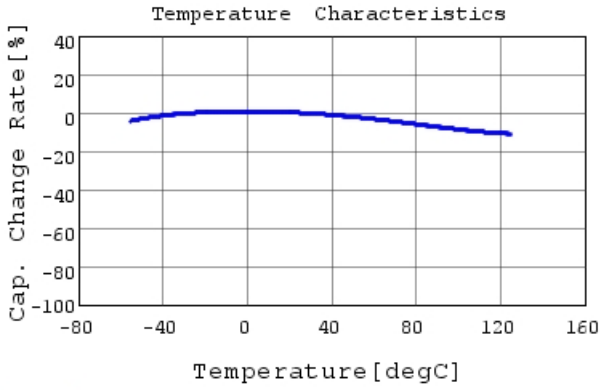
GRM31CR71C106KA12 C-AC Voltage capchange, Dc

Attention

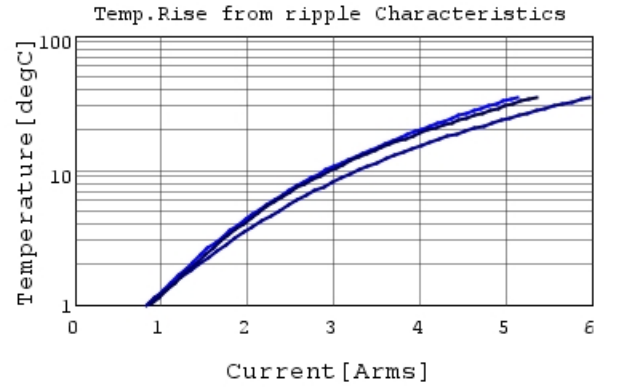
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GRM31CR71C106KA12 C-Temp. capchange, DC0.0V,



GRM31CR71C106KA12 Temp.rise — 100kHz

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