

GRM155B31E105KA12#

Note: This datasheet may be out of date.

Please download the latest datasheet of GRM155B31E105KA12# from the official website of Murata Manufacturing Co., Ltd.

<http://www.murata.com/en/products/productdetail?partno=GRM155B31E105KA12%23>

“#” indicates a package specification code.

In Production

General

RoHS

REACH

85
°C max.Reflow
OKDerating
1

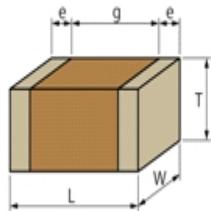
< List of part numbers with package codes >

GRM155B31E105KA12J

GRM155B31E105KA12W

GRM155B31E105KA12D

Appearance & Shape



References

Packaging	Specifications	Minimum Order Quantity
J	330mm Paper Tape	50000
W	180mm Paper Tape (W8P1)	20000
D	180mm Paper Tape	10000

Mass (typ.)	
1 piece	1.6mg
φ180mm Reel	118g

Notices

Derating1

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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	1.0±0.05mm
Width	0.5±0.05mm
Thickness	0.5±0.05mm
Capacitance	1.0μF ±10%
Distance between external terminals g	0.3mm min.
External terminal size e	0.15 to 0.35mm
Operating Temperature Range	-25°C to 85°C
Rated Voltage	25Vdc
Size code in inch(mm)	0402 (1005M)
Capacitance change rate	±10.0%
Temperature characteristics (complied standard)	B(JIS)
Temperature range of temperature characteristics	-25°C to 85°C

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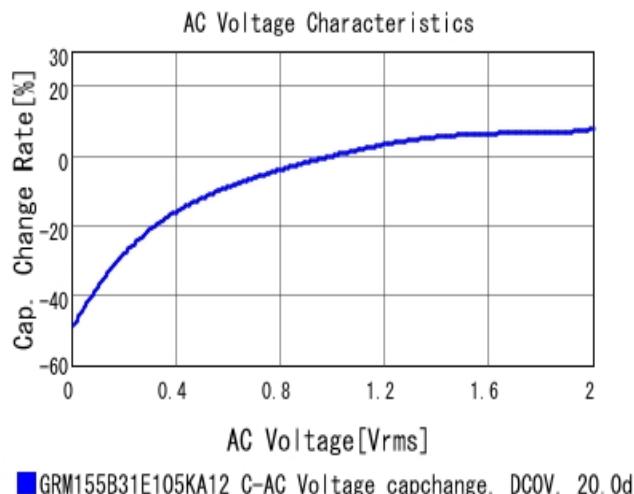
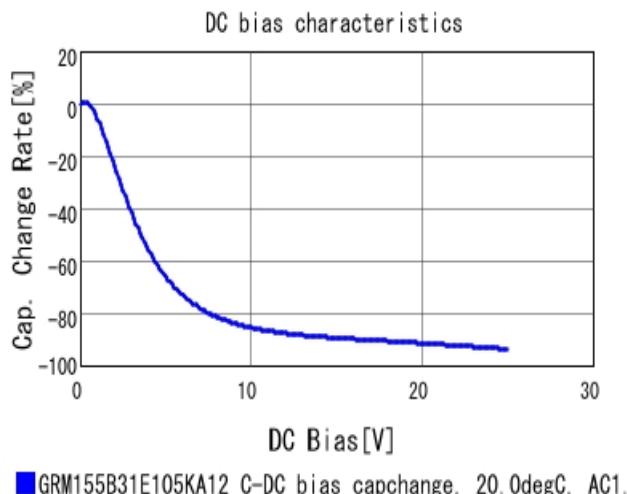
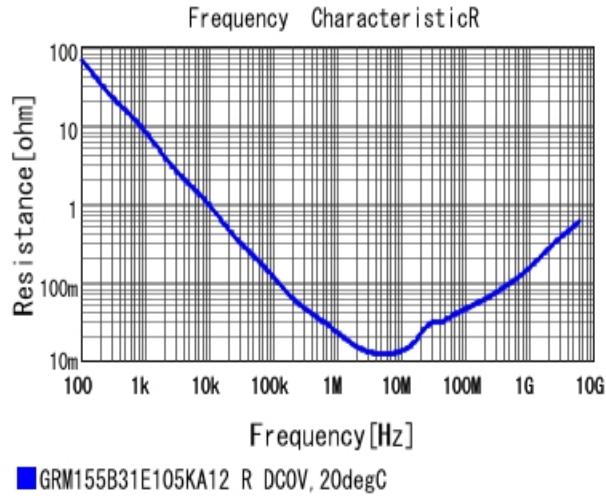
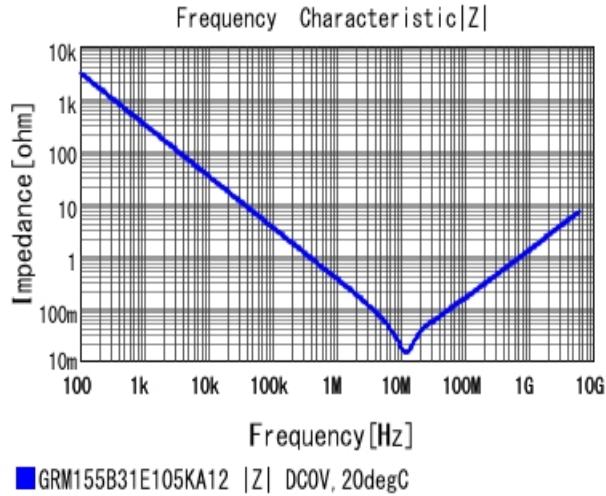
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Characteristic Data

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



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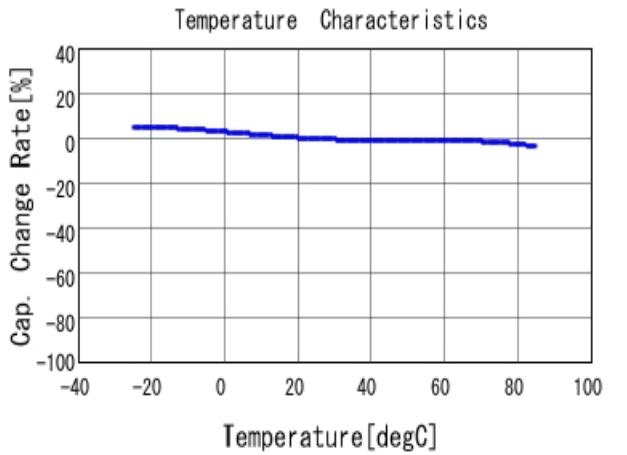
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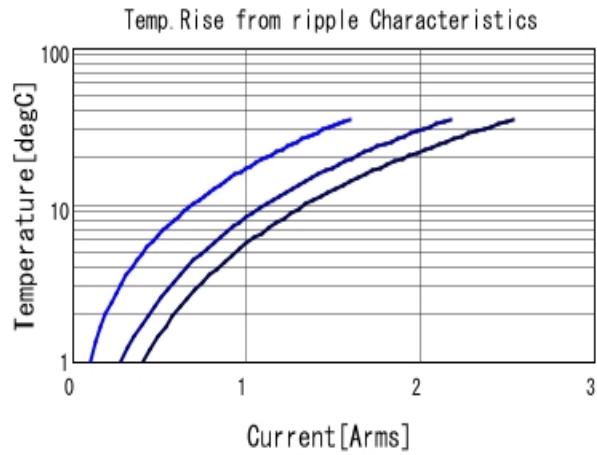
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GRM155B31E105KA12 C-Temp. capchange, DCO.0V, AC1.0Vrms



GRM155B31E105KA12 Temp. rise ■ 100kHz ■ 500kHz ■ 1MHz

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