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Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of GRM32EC70J107ME15# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=GRM32EC70J107ME15%23

GRM32EC70J107ME15#

"#" indicates a package specification code.

In Production | General | RoHS | REACH | 125 °C max. | Reflow OK | Derating 1

< List of part numbers with package codes >

GRM32EC70J107ME15L   GRM32EC70J107ME15K

Appearance & Shape

References

Packaging	Specifications	Standard Packing Quantity
L	180Embossed Tape	1000
K	330Embossed Tape	4000

Mass (typ.)	
1 piece	110.0mg
φ180mm Reel	168g

Notices

Derating1

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URL : https://www.murata.com/

Last updated08/10/2021

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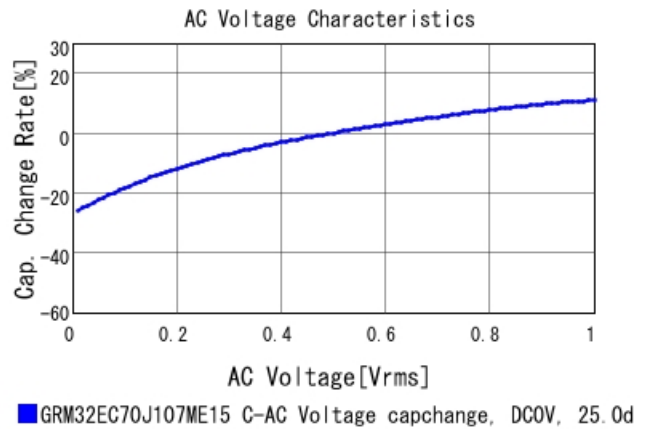http://www.murata.com/en/products/productdetail?partno=GRM32EC70J107ME15%23

GRM32EC70J107ME15#

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Specifications

Length	3.2±0.3mm
Width	2.5±0.2mm
Thickness	2.5±0.2mm
Capacitance	100µF ±20%
Distance between external terminals g	1.0mm min.
External terminal size e	0.3mm min.
Operating Temperature Range	-55℃ to 125℃
Rated Voltage	6.3Vdc
Size code in inch(mm)	1210 (3225M)
Capacitance change rate	±22.0%
Temperature characteristics (complied standard)	X7S(EIA)
Temperature range of temperature characteristics	-55℃ to 125℃

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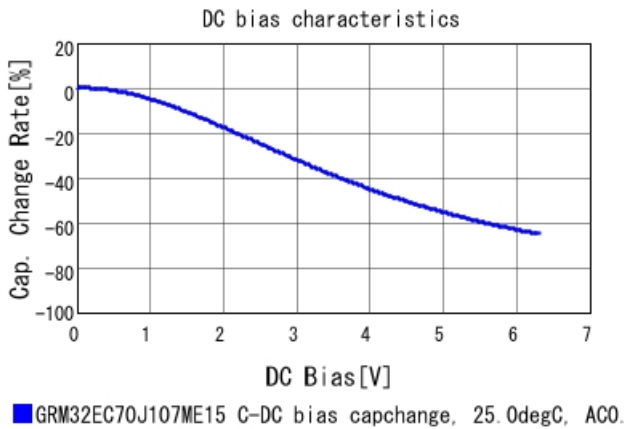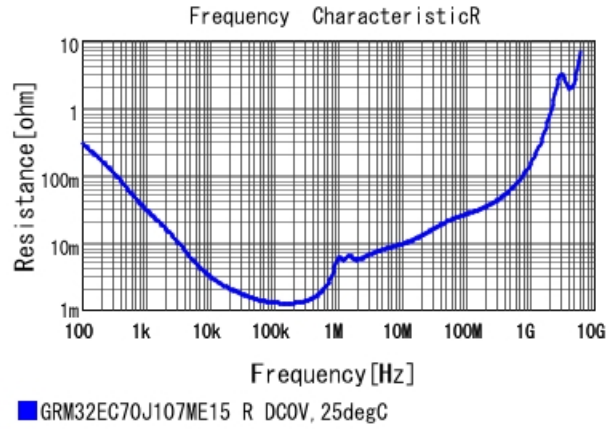http://www.murata.com/en/products/productdetail?partno=GRM32EC70J107ME15%23
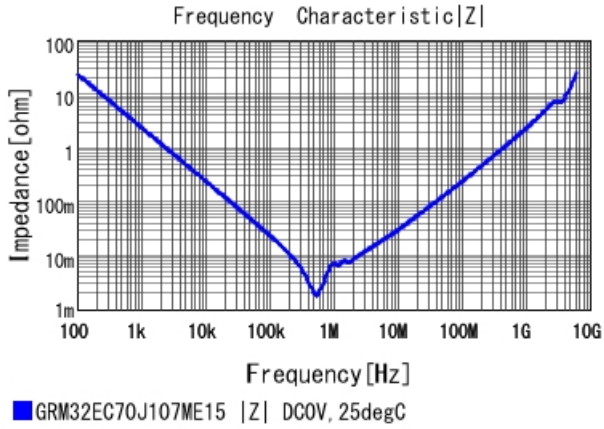
GRM32EC70J107ME15#

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Characteristic Data

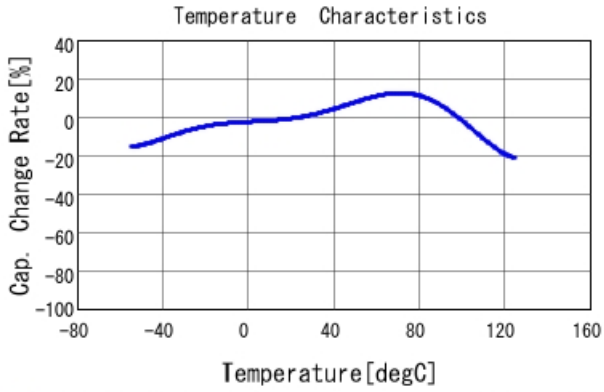The charts below may show another part number which shares its characteristics.

Frequency Characteristic|Z|

■GRM32EC70J107ME15 |Z| DC0V, 25degC

Frequency CharacteristicR

■GRM32EC70J107ME15 R DC0V, 25degC

DC bias characteristics

■GRM32EC70J107ME15 C-DC bias capchange, 25.0degC, AC0.

AC Voltage Characteristics

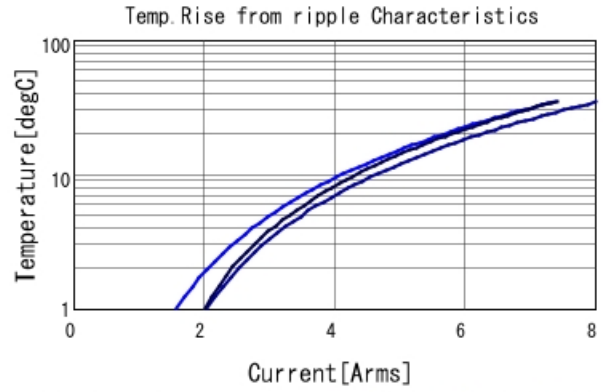■GRM32EC70J107ME15 C-AC Voltage capchange, DC0V, 25.0d

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.

2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

GRM32EC70J107ME15#

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Temperature Characteristics

GRM32EC70J107ME15 C-Temp. capchange, DC0.0V, AC0.18Vr

Temp.Rise from ripple Characteristics

GRM32EC70J107ME15 Temp.rise ■50kHz ■200kHz ■400kH