Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of GRM32ER71J106KA12# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=GRM32ER71J106KA12%23

GRM32ER71J106KA12#

"#"at the end indicates the package specification code.

NRND | RoHS | REACH | 125°C max. | Reflow OK | Derating 1

< List of part numbers with package codes >

GRM32ER71J106KA12L   GRM32ER71J106KA12K

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 [GHTF 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

Derating1

References

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

Mass (typ.)	
1 piece	110.0mg

muRata
INNOVATOR IN ELECTRONICS

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

Last updated05/18/2024

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of GRM32ER71J106KA12# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=GRM32ER71J106KA12%23

GRM32ER71J106KA12#

"#"at the end indicates the package specification code.

Specifications

Length	3.2±0.3mm
Width	2.5±0.2mm
Thickness	2.5±0.2mm
Capacitance	10μF ±10%
Distance between external terminals g	1.0mm min.
External terminal size e	0.3mm min.
Operating Temperature Range	-55℃ to 125℃
Rated Voltage	63Vdc
Size code in inch(mm)	1210 (3225M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55℃ to 125℃

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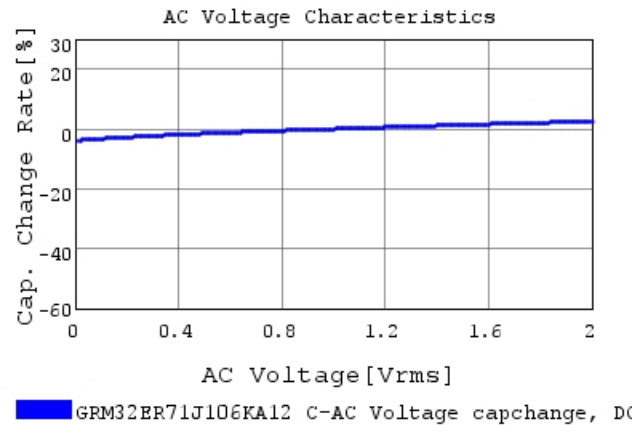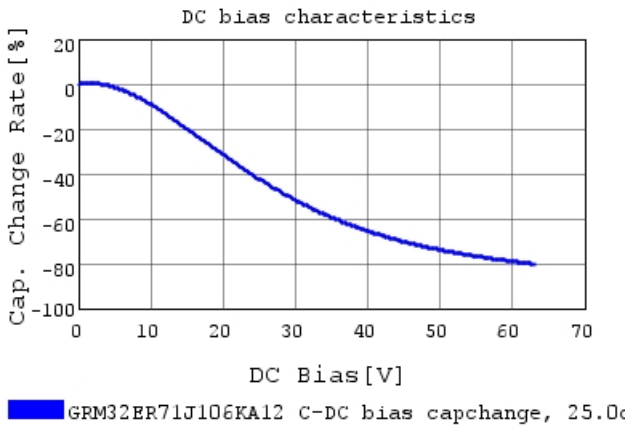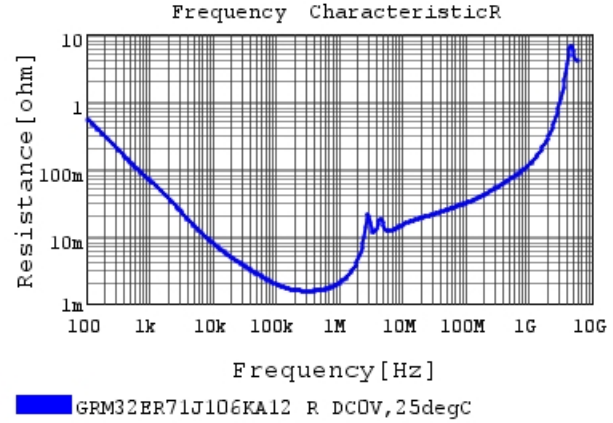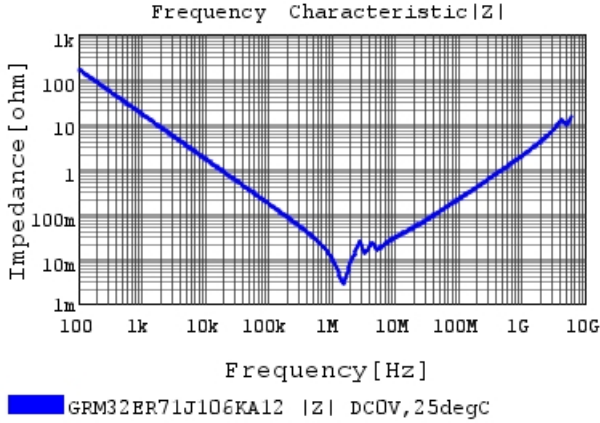
URL : https://www.murata.com/

Last updated05/18/2024

muRata
INNOVATOR IN ELECTRONICS

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of GRM32ER71J106KA12# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=GRM32ER71J106KA12%23

GRM32ER71J106KA12#

"#"at the end indicates the package specification code.

Characteristic Data

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

Frequency Characteristic|Z|

GRM32ER71J106KA12 |Z| DC0V,25degC

Frequency CharacteristicR

GRM32ER71J106KA12 R DC0V,25degC

DC bias characteristics

GRM32ER71J106KA12 C-DC bias capchange, 25.0c

AC Voltage Characteristics

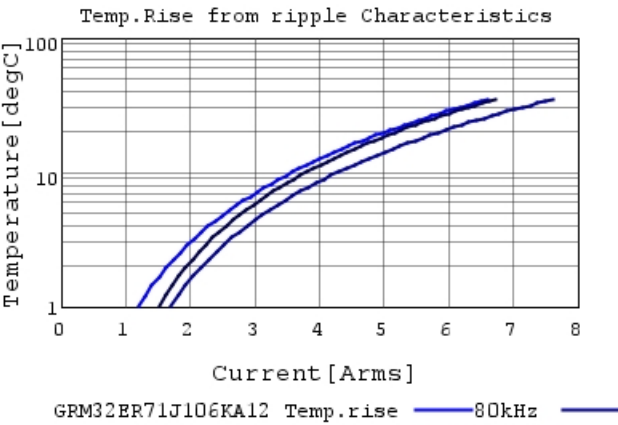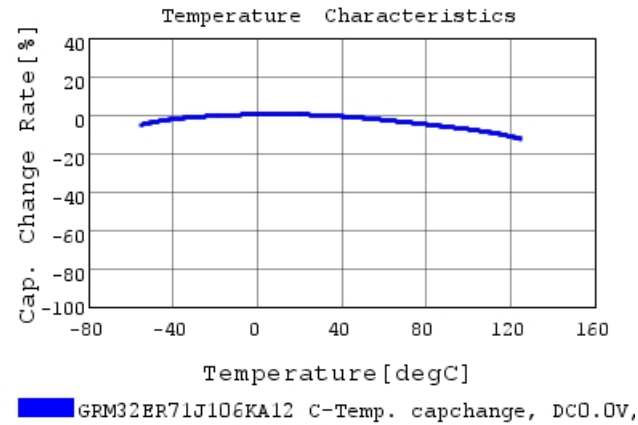GRM32ER71J106KA12 C-AC Voltage capchange, DC

3 of 4

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.

muRata
INNOVATOR IN ELECTRONICS

GRM32ER71J106KA12#

"#"at the end indicates the package specification code.

Temperature Characteristics

GRM32ER71J106KA12 C-Temp. capchange, DC0.0V,

Temp.Rise from ripple Characteristics

GRM32ER71J106KA12 Temp.rise ——80kHz ——

muRata
INNOVATOR IN ELECTRONICS

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

Last updated05/18/2024