muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of GRM32ER71H475KA88# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=GRM32ER71H475KA88%23

GRM32ER71H475KA88#

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

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

< List of part numbers with package codes >

GRM32ER71H475KA88L   GRM32ER71H475KA88K

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.

References

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

Mass (typ.)	
1 piece	110.0mg

Appearance & Shape

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

Last updated05/04/2024

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Specifications

Length	3.2±0.3mm
Width	2.5±0.2mm
Thickness	2.5±0.2mm
Capacitance	4.7µF ±10%
Distance between external terminals g	1.0mm min.
External terminal size e	0.3mm min.
Operating Temperature Range	-55℃ to 125℃
Rated Voltage	50Vdc
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℃

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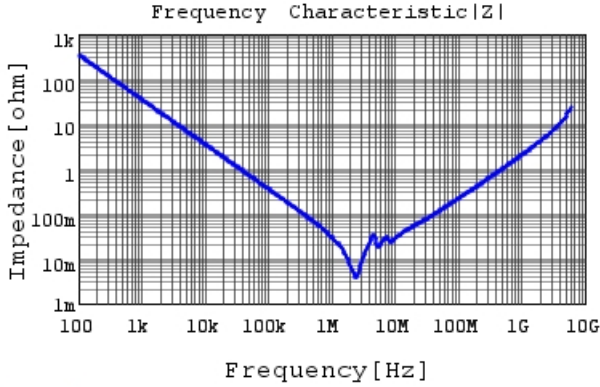http://www.murata.com/en-us/products/productdetail?partno=GRM32ER71H475KA88%23

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Characteristic Data

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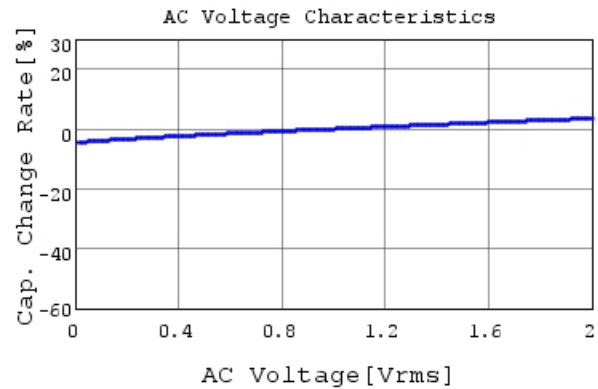

Frequency Characteristic|Z|
GRM32ER71H475KA88 |Z| DCOV,25degC
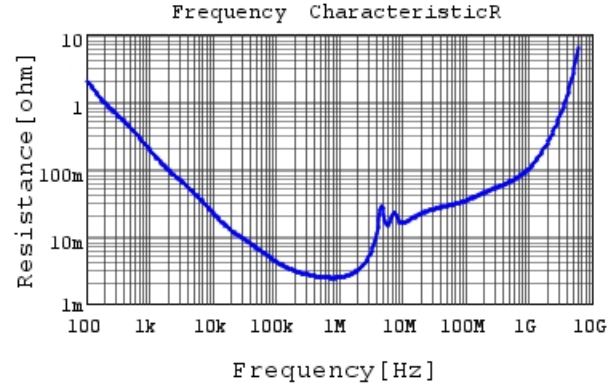
Frequency CharacteristicR
GRM32ER71H475KA88 R DCOV,25degC
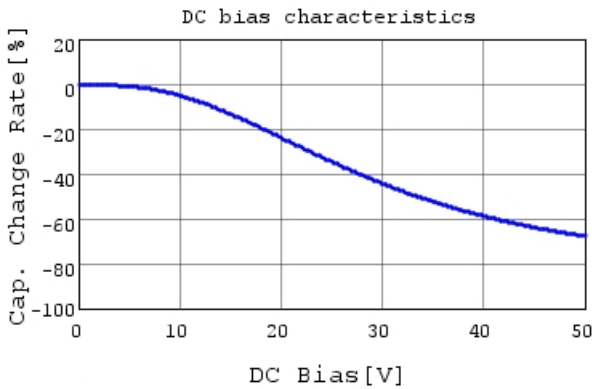
DC bias characteristics
GRM32ER71H475KA88 C-DC bias capchange, 25.0c

AC Voltage Characteristics
GRM32ER71H475KA88 C-AC Voltage capchange, DC

GRM32ER71H475KA88#

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

Temperature Characteristics

GRM32ER71H475KA88 C-Temp. capchange, DC0.0V,

Temp.Rise from ripple Characteristics

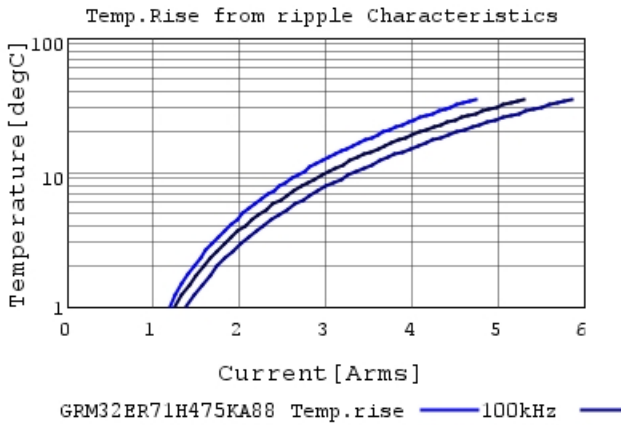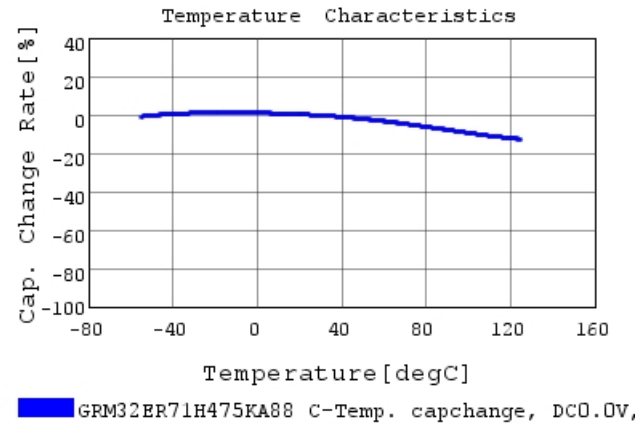GRM32ER71H475KA88 Temp.rise ——100kHz ——

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.

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