muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of GRM155R71H104KE14# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=GRM155R71H104KE14%23

GRM155R71H104KE14#

"#" indicates a package specification code.

In Production | **RoHS** | **REACH** | **125 °C max.** | **Reflow OK**

< List of part numbers with package codes >

GRM155R71H104KE14D   GRM155R71H104KE14W   GRM155R71H104KE14J

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
D	φ180mm Reel Paper Tape	10000
W	φ180mm Reel W8P1 Paper Tape	20000
J	φ330mm Reel Paper Tape	50000

Mass (typ.)	
1 piece	1.6mg

Appearance & Shape

![muRata INNOVATOR IN ELECTRONICS]

GRM155R71H104KE14#

"#" indicates a package specification code.

Specifications

Length	1.0±0.05mm
Width	0.5±0.05mm
Thickness	0.5±0.05mm
Capacitance	0.10µF ±10%
Distance between external terminals g	0.3mm min.
External terminal size e	0.15 to 0.35mm
Operating Temperature Range	-55℃ to 125℃
Rated Voltage	50Vdc
Size code in inch(mm)	0402 (1005M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55℃ to 125℃

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

Last updated06/26/2023

Note: This datasheet may be out of date.

Please download the latest datasheet of GRM155R71H104KE14# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=GRM155R71H104KE14%23
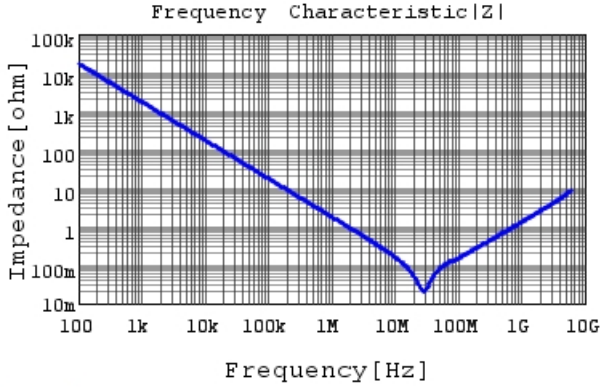
GRM155R71H104KE14#

"#" indicates a package specification code.

Characteristic Data

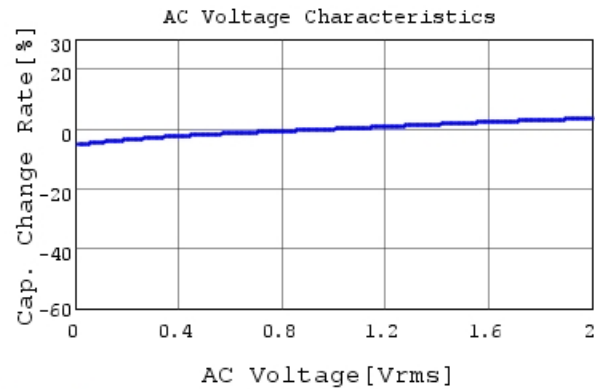The charts below may show another part number which shares its characteristics.

Frequency Characteristic|Z|

GRM155R71H104KE14 |Z| DC0V,25degC

Frequency CharacteristicR

GRM155R71H104KE14 R DC0V,25degC

DC bias characteristics
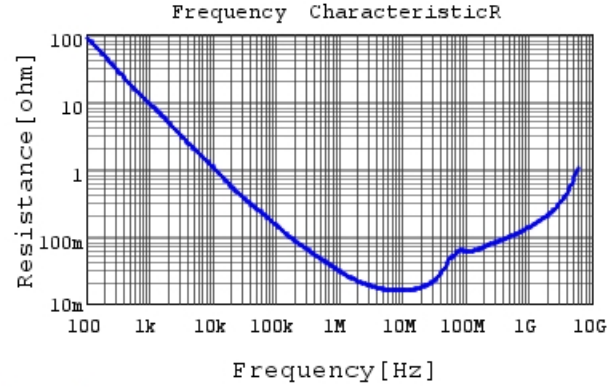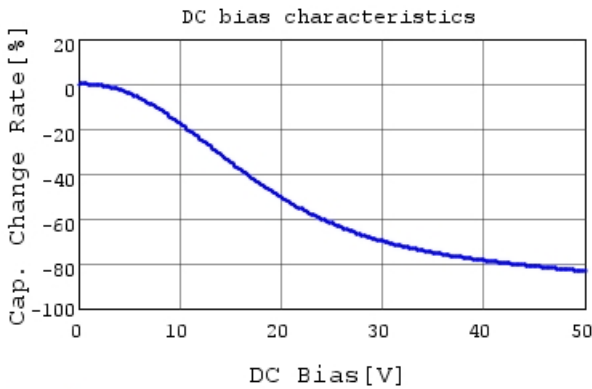
GRM155R71H104KE14 C-DC bias capchange, 25.0c
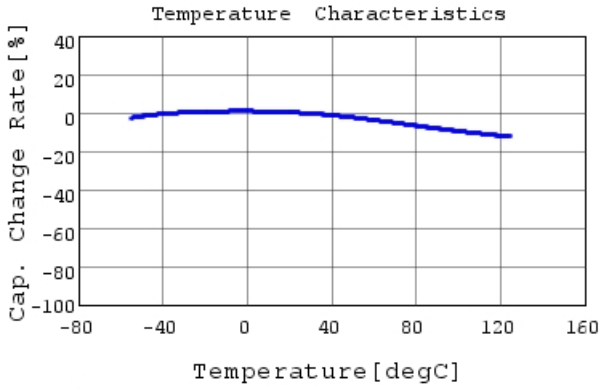
AC Voltage Characteristics

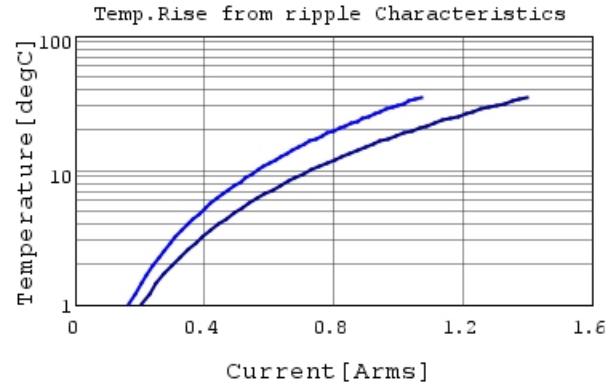GRM155R71H104KE14 C-AC Voltage capchange, DC

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.

Note: This datasheet may be out of date.

Please download the latest datasheet of GRM155R71H104KE14# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=GRM155R71H104KE14%23

GRM155R71H104KE14#

"#" indicates a package specification code.

Temperature Characteristics

GRM155R71H104KE14 C-Temp. capchange, DC0.0V,

Temp.Rise from ripple Characteristics

GRM155R71H104KE14 Temp.rise ——500kHz ——