muRata
INNOVATOR IN ELECTRONICS

Product Search Data Sheet

GRM155R71C104KA88#

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

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

< List of part numbers with package codes >

GRM155R71C104KA88D   GRM155R71C104KA88W   GRM155R71C104KA88J
GRM155R71C104KA88V

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
V	φ330mm Reel W8P1 Paper Tape	100000

Mass (typ.)	
1 piece	1.6mg

Appearance & Shape

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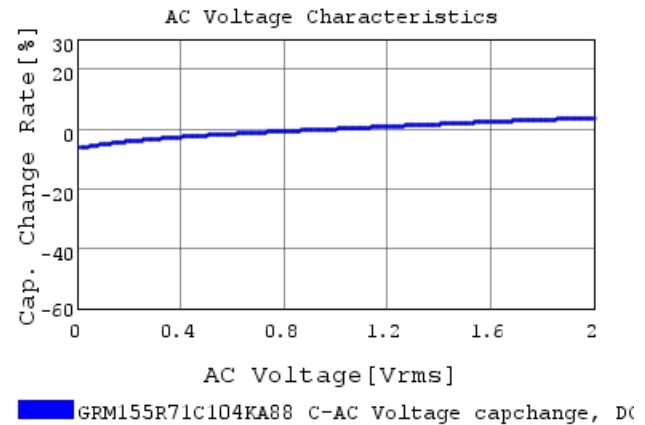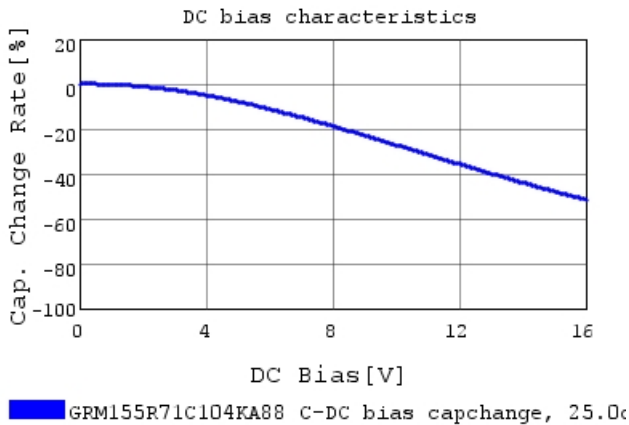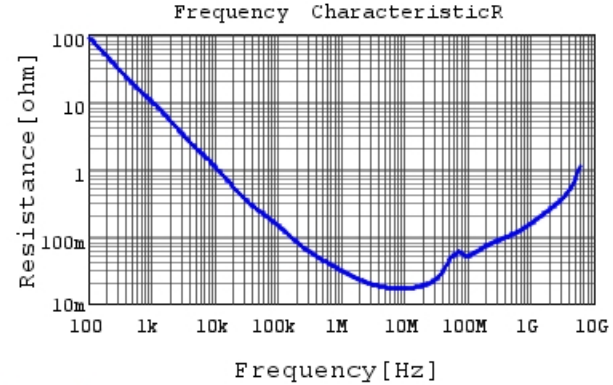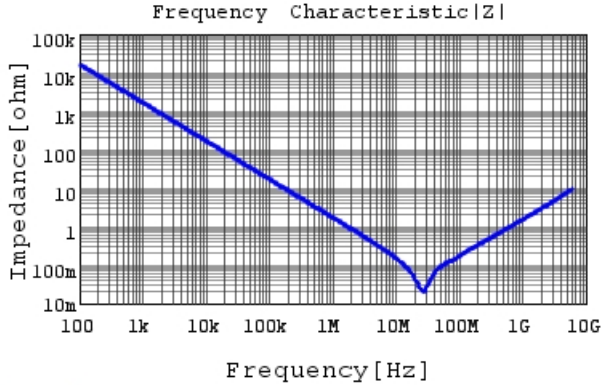
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URL : https://www.murata.com/

Last updated05/04/2024

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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	16Vdc
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℃

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Note: This datasheet may be out of date.
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http://www.murata.com/en-gb/products/productdetail?partno=GRM155R71C104KA88%23

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Characteristic Data

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

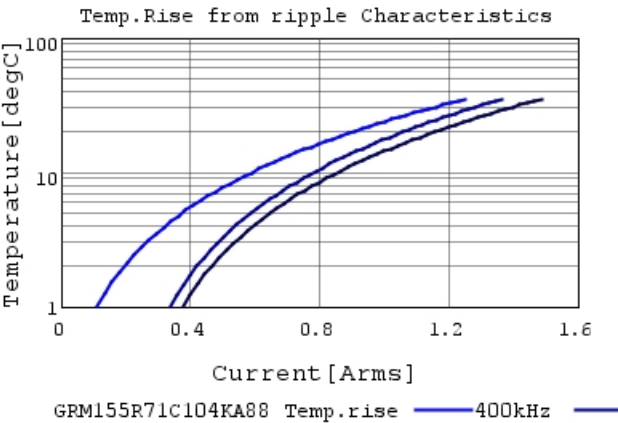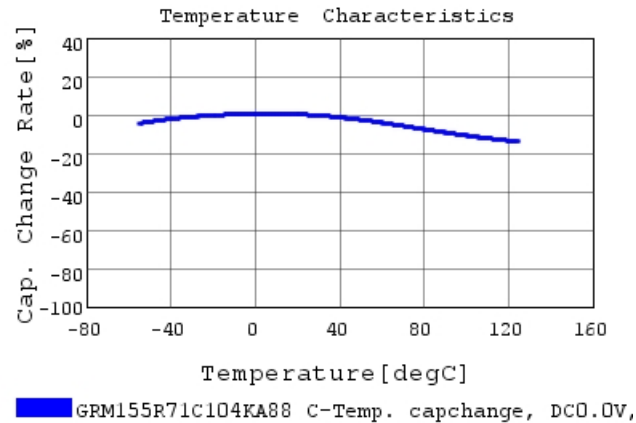Frequency Characteristic|Z|

GRM155R71C104KA88 |Z| DC0V,25degC

Frequency CharacteristicR

GRM155R71C104KA88 R DC0V,25degC

DC bias characteristics

GRM155R71C104KA88 C-DC bias capchange, 25.0c

AC Voltage Characteristics

GRM155R71C104KA88 C-AC Voltage capchange, DC

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Temperature Characteristics

GRM155R71C104KA88 C-Temp. capchange, DC0.0V,

Temp.Rise from ripple Characteristics

GRM155R71C104KA88 Temp.rise —— 400kHz ——