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Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of GRM188R71A225KE15# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=GRM188R71A225KE15%23

GRM188R71A225KE15#

"#" indicates a package specification code.

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

< List of part numbers with package codes >

GRM188R71A225KE15D   GRM188R71A225KE15J

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 W8P2 Paper Tape	4000
J	φ330mm Reel W8P2 Paper Tape	10000

Mass (typ.)	
1 piece	6.3mg

Appearance & Shape

Attention

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Last updated05/15/2023

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Specifications

Length	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.8±0.1mm
Capacitance	2.2μF ±10%
Distance between external terminals g	0.5mm min.
External terminal size e	0.2 to 0.5mm
Operating Temperature Range	-55℃ to 125℃
Rated Voltage	10Vdc
Size code in inch(mm)	0603 (1608M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55℃ to 125℃

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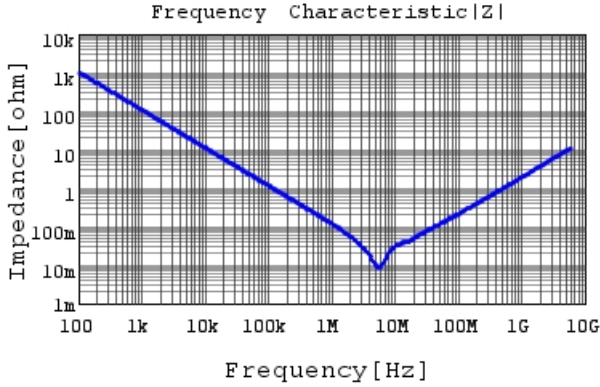http://www.murata.com/en-sg/products/productdetail?partno=GRM188R71A225KE15%23

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Characteristic Data

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

Frequency Characteristic|Z|

GRM188R71A225KE15 |Z| DC0V,25degC

Frequency CharacteristicR

GRM188R71A225KE15 R DC0V,25degC

DC bias characteristics
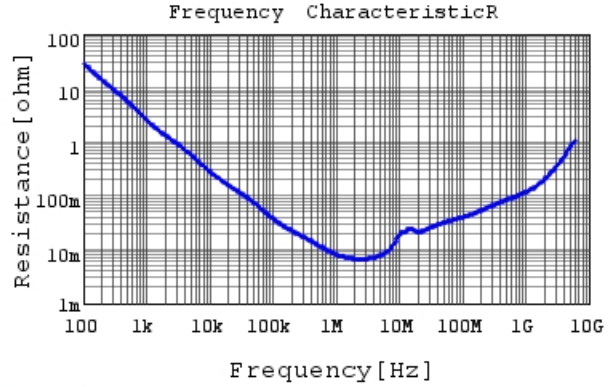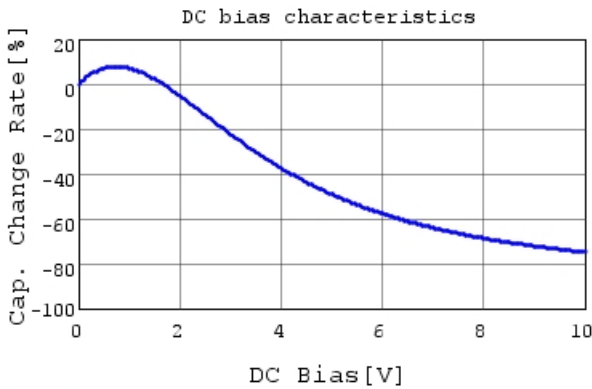
GRM188R71A225KE15 C-DC bias capchange, 25.0

AC Voltage Characteristics
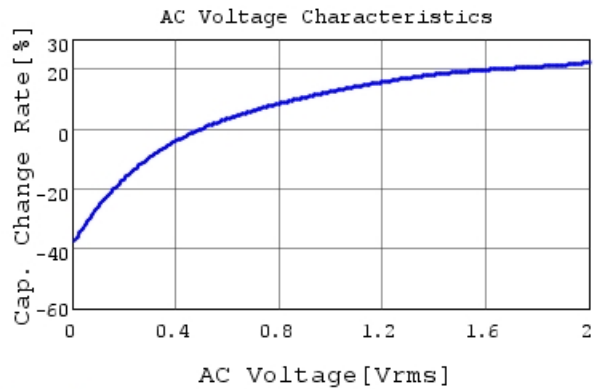
GRM188R71A225KE15 C-AC Voltage capchange, DC

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GRM188R71A225KE15#
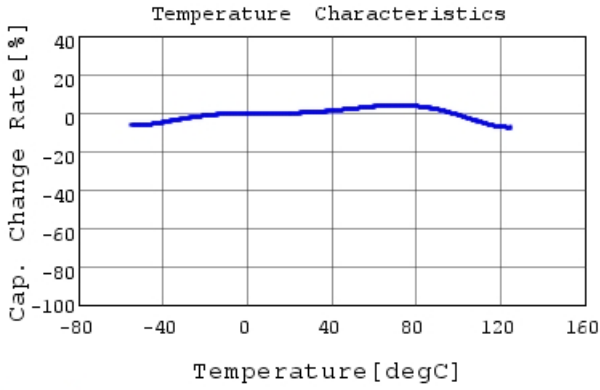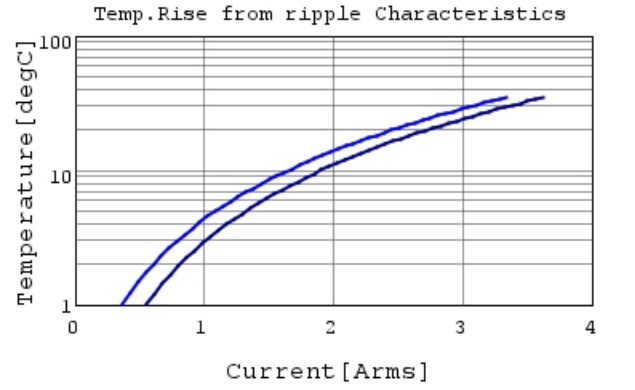
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Temperature Characteristics

GRM188R71A225KE15 C-Temp. capchange, DC0.0V,

Temp.Rise from ripple Characteristics

GRM188R71A225KE15 Temp.rise ——500kHz ——

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