Note: This datasheet may be out of date.

Please download the latest datasheet of GRM219D80E476ME44# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=GRM219D80E476ME44%23

GRM219D80E476ME44#

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

In Production	RoHS	REACH	105°C max.	Reflow OK	Flow OK

< List of part numbers with package codes >

GRM219D80E476ME44D   GRM219D80E476ME44J

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	4000
J	φ330mm Reel Paper Tape	10000

Mass (typ.)	
1 piece	11.0mg

Appearance & Shape

Attention

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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.
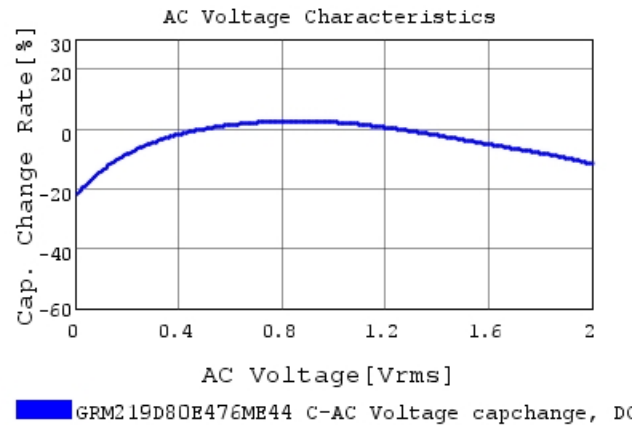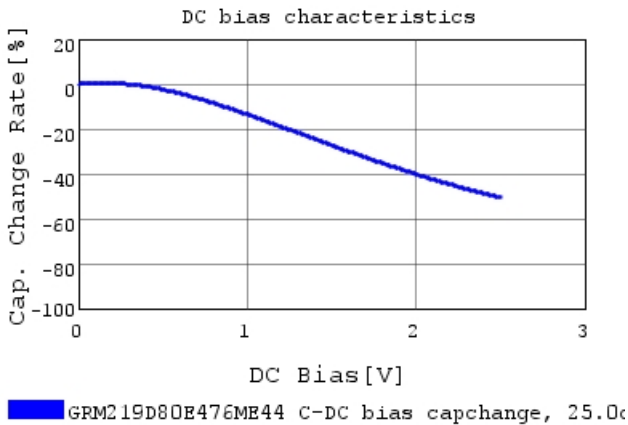
GRM219D80E476ME44#

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

Specifications

Length	2.0±0.2mm
Width	1.25±0.2mm
Thickness	0.85±0.1mm
Capacitance	47µF ±20%
Distance between external terminals g	0.7mm min.
External terminal size e	0.2 to 0.7mm
Operating Temperature Range	-55℃ to 105℃
Rated Voltage	2.5Vdc
Size code in inch(mm)	0805 (2012M)
Capacitance change rate	+22.0/-33.0%
Temperature characteristics (complied standard)	X6T(EIA)
Temperature range of temperature characteristics	-55℃ to 105℃

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

Last updated05/17/2024

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GRM219D80E476ME44#

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Characteristic Data

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

Frequency Characteristic|Z|

GRM219D80E476ME44 |Z| DC0V,25degC

Frequency CharacteristicR

GRM219D80E476ME44 R DC0V,25degC

DC bias characteristics

GRM219D80E476ME44 C-DC bias capchange, 25.0

AC Voltage Characteristics

GRM219D80E476ME44 C-AC Voltage capchange, DC

3 of 4

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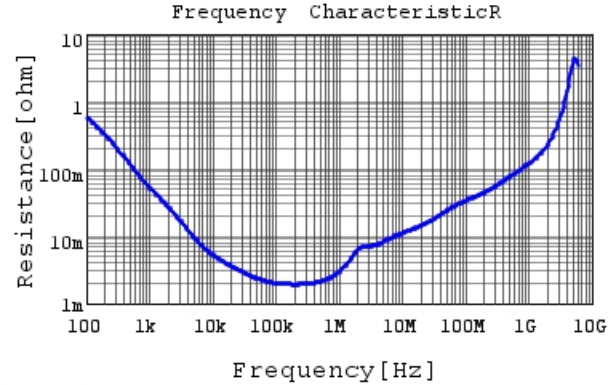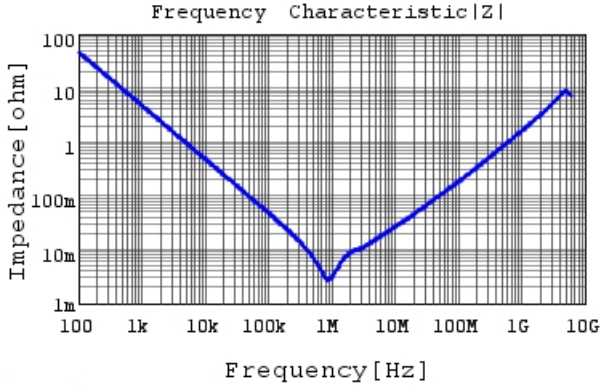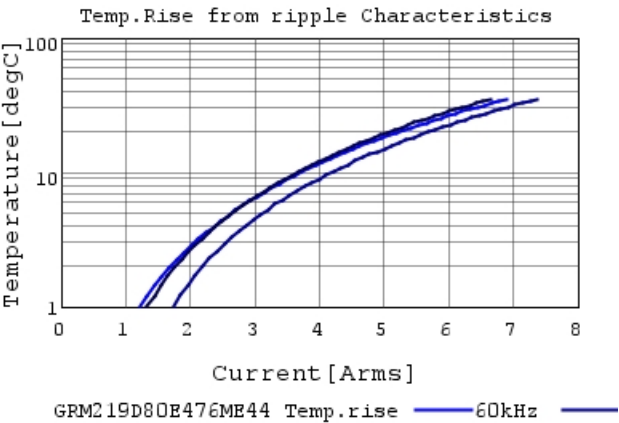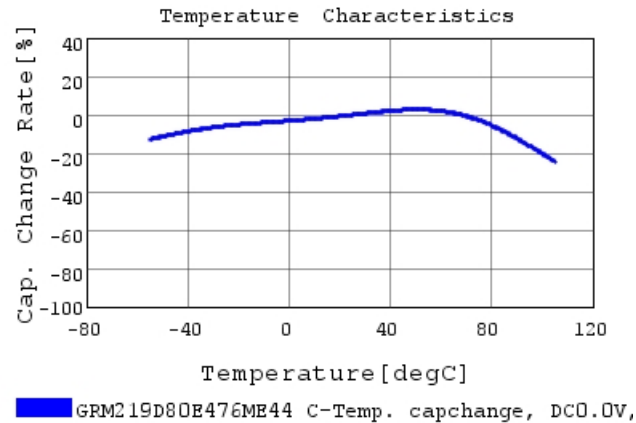
GRM219D80E476ME44#

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

Temperature Characteristics

GRM219D80E476ME44 C-Temp. capchange, DC0.0V,

Temp.Rise from ripple Characteristics

GRM219D80E476ME44 Temp.rise ——60kHz ——

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