

GRM21BZ71A226ME15#

at the end indicates the package specification code.

● In Production

Chip Multilayer Ceramic Capacitors for Consumer Electronics & Industrial Equipment

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GRM21BZ71A226ME15L, GRM21BZ71A226ME15K

Applications

Unsuitable Applications	Please be sure to read and comply with these " Precautions for use ".
Specific Applications	<u>Consumer equipment, Industrial Equipment, Automotive infotainment/comfort equipment, Medical equipment [GHTF A/B/C] except for implant equipment, Mobile Electronics</u> 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.

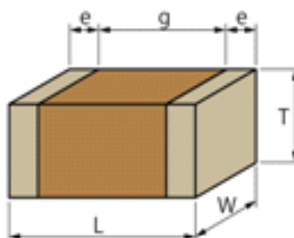
Attention

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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Appearance & Shape



Chip size code (mm/inch)	2012M/0805
Length	2mm ±0.2mm
Width	1.25mm ±0.2mm
Thickness	1.25mm ±0.2mm
External terminal size	0.2 ~ 0.7mm

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Specifications

Temperature characteristics (complied standard)	MURATA
Temperature characteristics	X7R

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Temperature range of temperature characteristics	-55 ~ 125°C
Operating Temperature	-55 ~ 125°C
Capacitance	22μF
Tolerance of capacitance	±20%
Rated Voltage DC	10Vdc

Notices

Temperature characteristic : Range of capacitance change rate is specified with 50% of rated voltage.

References

Packaging	Specifications 	Standard Packing Quantity
L	φ180mm Reel W8P4* Embossed Tape	3000
K	φ330mm Reel W8P4* Embossed Tape	10000

Mass(Typ.)	
1 piece	23mg

Attention

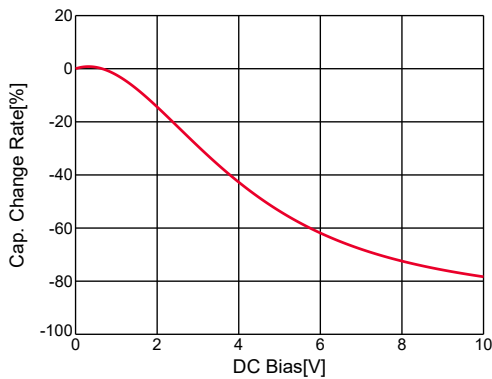
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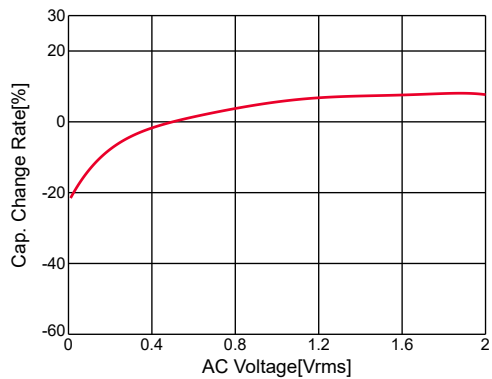
Basic

C-DC bias(Cap Change)



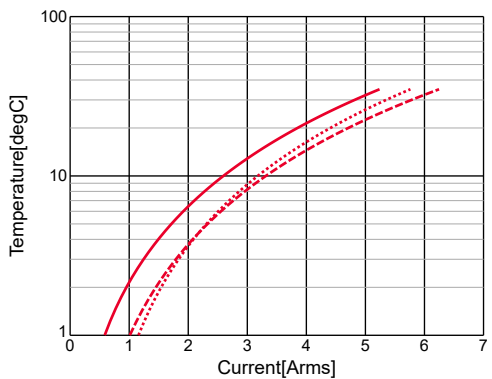
GRM21BZ71A226ME15#,C-DC bias,capchange, 25.0degC, AC0.5Vrms

C-AC voltage(Cap Change)



GRM21BZ71A226ME15#,C-AC Voltage,capchange, DC0V, 25.0degC

Temp.rise



GRM21BZ71A226ME15#,Temp.rise

☒ 80kHz
 ☒ 400kHz
 ☒ 800kHz

Attention

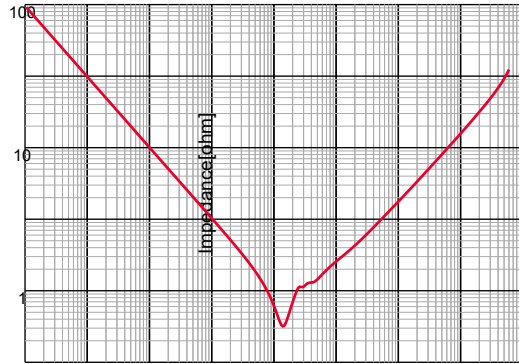
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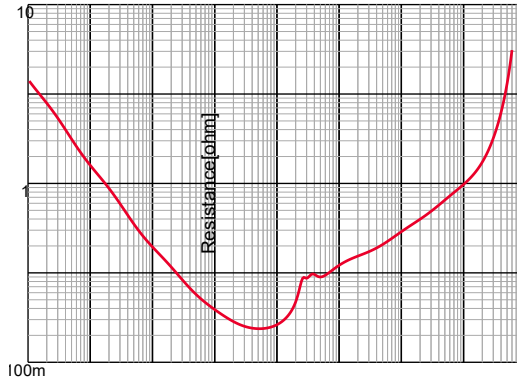
Frequency Characteristic

|Z|



GRM21BZ71A226ME15# ,|Z|,DC0V,25degC

R



GRM21BZ71A226ME15# ,R,DC0V,25degC

S-parameter

S21



GRM21BZ71A226ME15# ,S21,DC0V,25degC,series

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