

GRM43DR72J104KW01#

“#” at the end indicates the package specification code.

● In Production

Chip Multilayer Ceramic Capacitors for Consumer Electronics & Industrial Equipment

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GRM43DR72J104KW01L, GRM43DR72J104KW01K

Applications

Unsuitable Applications	Please be sure to read and comply with these " <u>Precautions for use</u> ".
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.

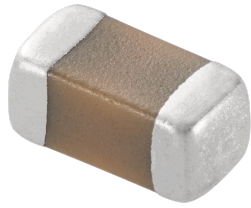
Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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)	4532M/1812
Length	4.5mm ±0.4mm
Width	3.2mm ±0.3mm
Thickness	2mm +0mm/-0.3mm
External terminal size€	0.3mm Min.

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Specifications

Temperature characteristics (complied standard)	EIA
Temperature characteristics	X7R
Temperature range of temperature characteristics	-55 ~ 125°C
Operating Temperature	-55 ~ 125°C
Capacitance	0.1μF
Tolerance of capacitance	±10%
Rated Voltage DC	630Vdc

References

Packaging	Specifications 	Standard Packing Quantity
L	φ180mm Reel Embossed Tape	1000
K	φ330mm Reel Embossed Tape	4000

Mass(Typ.)	
1 piece	150mg

Attention

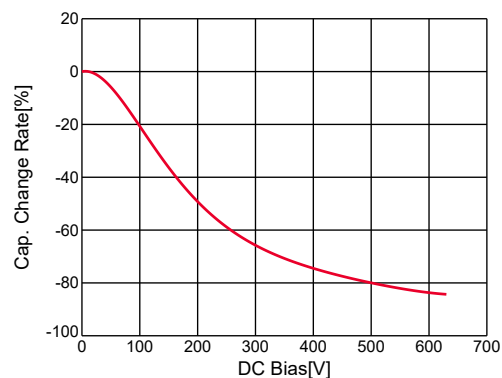
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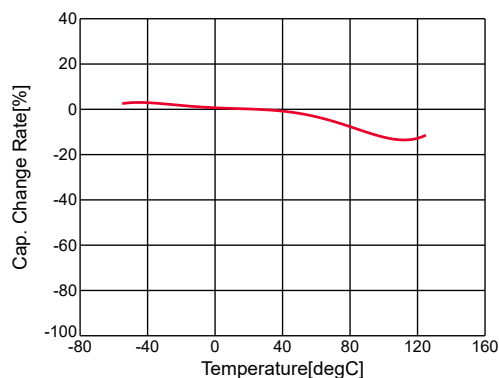
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Basic

C-DC bias(Cap Change)



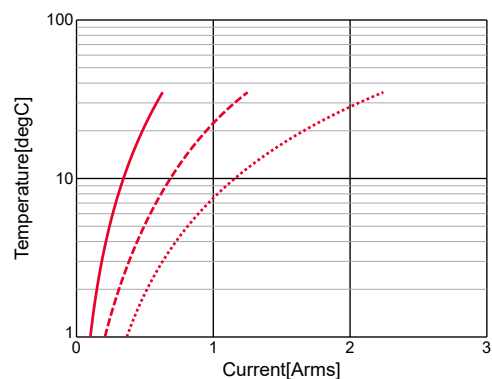
C-Temp.(Cap Change)



GRM43DR72J104KW01#,C-DC bias,capchange, 25.0degC, AC1Vrms

GRM43DR72J104KW01#,C-Temp.,capchange, DCOV, AC1Vrms

Temp.rise



GRM43DR72J104KW01#,Temp.rise

- 30kHz
- 100kHz
- 300kHz

Attention

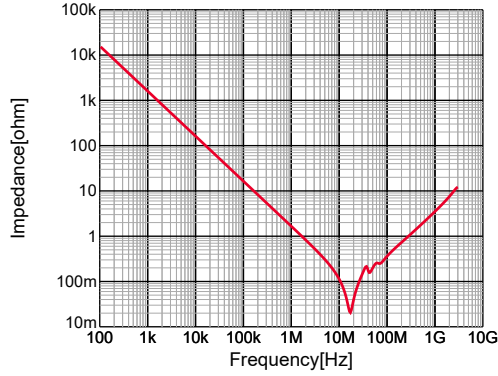
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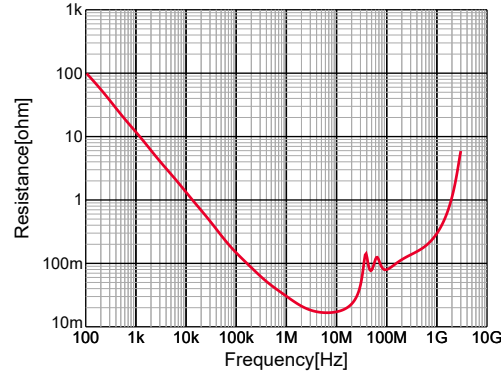
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Frequency Characteristic

|Z|



R

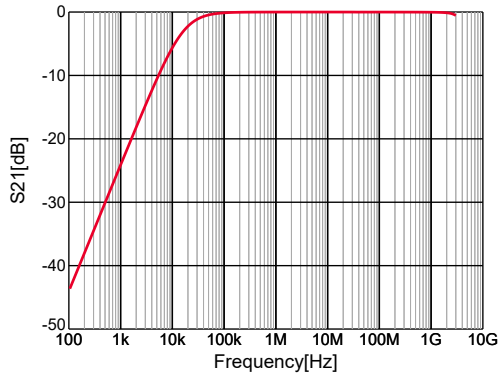


GRM43DR72J104KW01#,|Z|,DC0V,25degC

GRM43DR72J104KW01#,R,DC0V,25degC

S-parameter

S21



GRM43DR72J104KW01#,S21,DC0V,25degC,series

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