

GRM21AR72D222KW01#

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

● NRND
 Chip Multilayer Ceramic Capacitors for Consumer Electronics & Industrial Equipment
GRM21AR72D222KW01# “#” at the end indicates the package specification code.



Please use alternative.

GRM21AR72D222KW01D, GRM21AR72D222KW01J

Last Time Order Due	End of Production	Alternative Products
		> GRM188R72E222KW07#

Applications

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

Attention

- 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.
- 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	1mm +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	2,200pF
Tolerance of capacitance	±10%
Rated Voltage DC	200Vdc

References

Packaging	Specifications 	Standard Packing Quantity
D	φ180mm Reel W8P4* Paper Tape	4000
J	φ330mm Reel W8P4* Paper Tape	10000

Mass(Typ.)	
1 piece	13mg

Attention

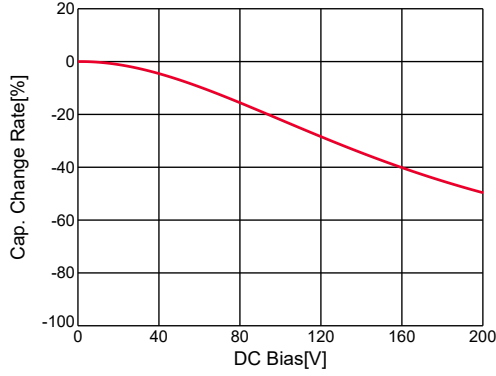
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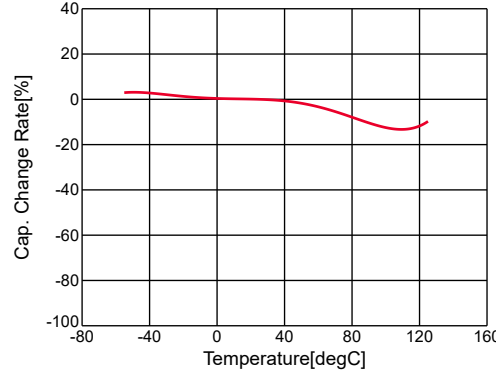
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Basic

C-DC bias(Cap Change)



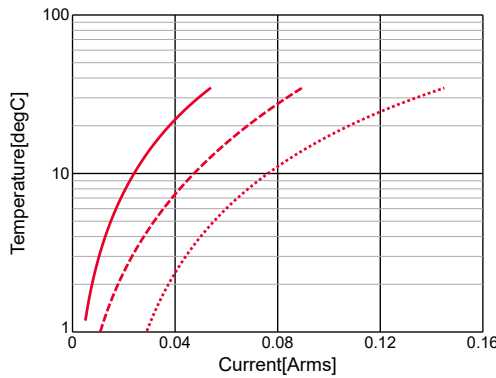
C-Temp.(Cap Change)



GRM21AR72D222KW01#,C-DC bias,capchange, 25.0degC, AC1Vrms

GRM21AR72D222KW01#,C-Temp.,capchange, DCOV, AC1Vrms

Temp.rise



GRM21AR72D222KW01#,Temp.rise

- 30kHz
- 100kHz
- 300kHz

Attention

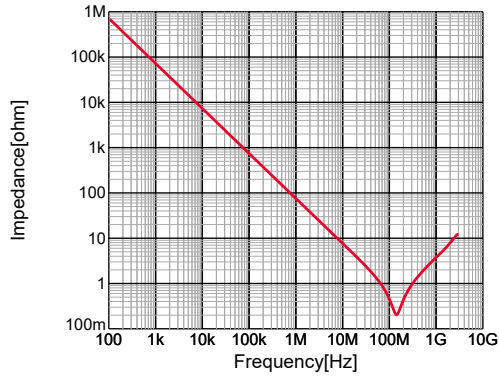
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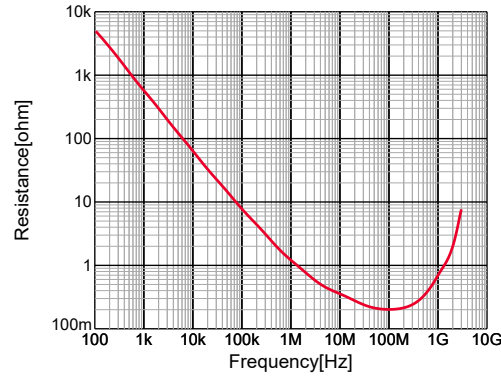
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Frequency Characteristic

|Z|



R

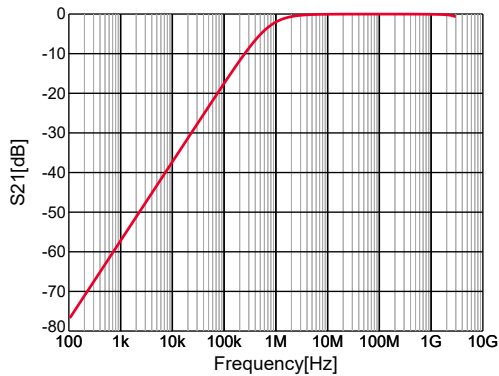


GRM21AR72D222KW01#,|Z|,DC0V,25degC

GRM21AR72D222KW01#,R,DC0V,25degC

S-parameter

S21



GRM21AR72D222KW01#,S21,DC0V,25degC,series

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