

GRM32ER71J106KA12#

GRM32ER71J106KA12# indicates the package specification code.

● NRND

Chip Multilayer Ceramic Capacitors for Consumer Electronics & Industrial Equipment

GRM32ER71J106KA12#

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



Please use alternative.

GRM32ER71J106KA12L,GRM32ER71J106KA12K

Last Time Order Due	End of Production	Alternative Products
		> GRM31CD71H106KE11#

Applications

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

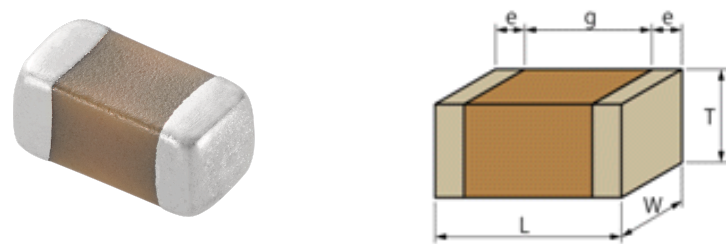
Attention

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)	3225M/1210
Length	3.2mm ±0.3mm
Width	2.5mm ±0.2mm
Thickness	2.5mm ±0.2mm
External terminal size	0.3mm Min.

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Specifications

Temperature characteristics (complied standard)	EIA
Temperature characteristics	X7R

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Temperature range of temperature characteristics	-55 ~ 125°C
Operating Temperature	-55 ~ 125°C
Capacitance	10μF
Tolerance of capacitance	±10%
Rated Voltage DC	63Vdc

References

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

Mass(Typ.)	
1 piece	110mg

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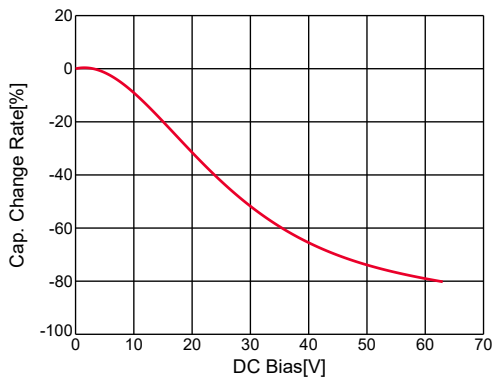
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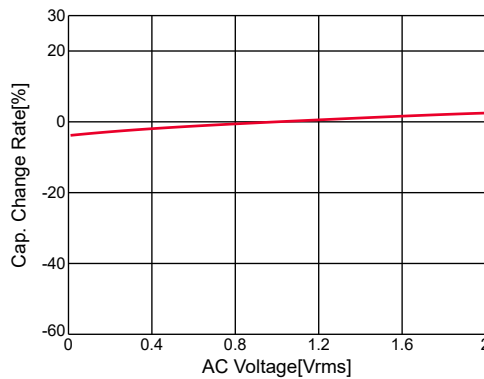
Basic

C-DC bias(Cap Change)



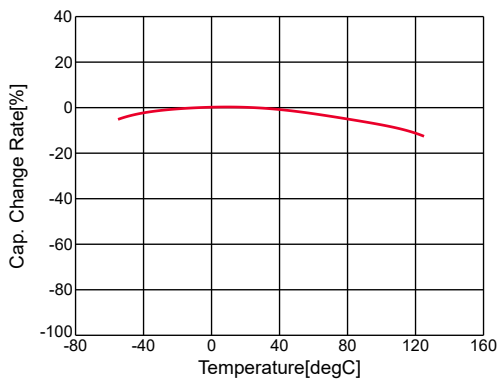
GRM32ER71J106KA12#,C-DC bias,capchange,
25.0degC, AC1Vrms

C-AC voltage(Cap Change)



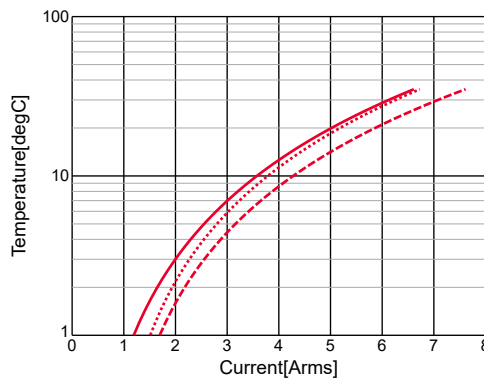
GRM32ER71J106KA12#,C-AC Voltage,capchange,
DC0V, 25.0degC

C-Temp.(Cap Change)



GRM32ER71J106KA12#,C-Temp.,capchange, DC0.0V,
AC0.05Vrms

Temp.rise



GRM32ER71J106KA12#,Temp.rise

✓ 80kHz

✓ 400kHz

✓ 800kHz

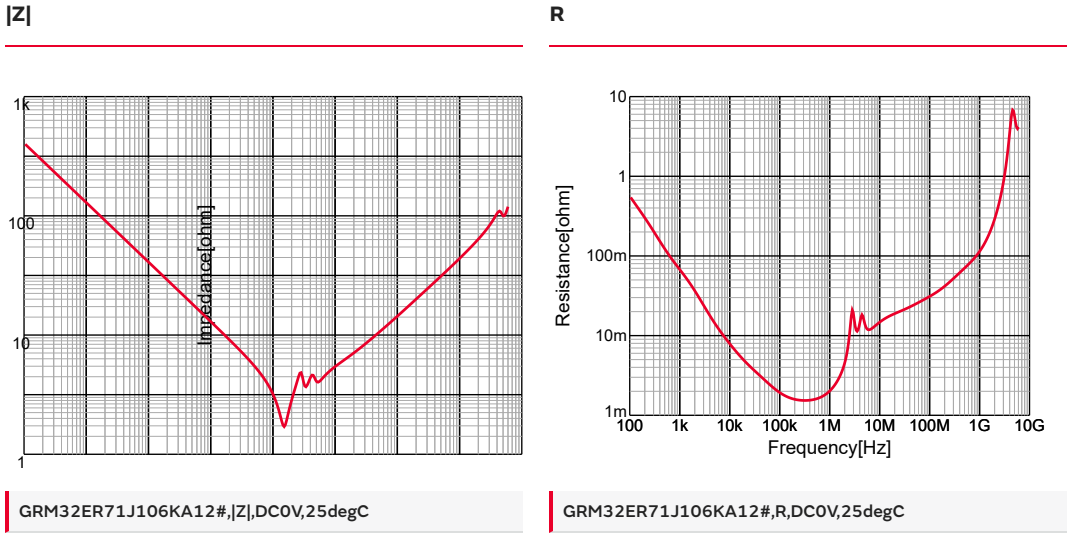
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Frequency Characteristic



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