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Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of GRM31MR72A223MA01# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=GRM31MR72A223MA01%23

GRM31MR72A223MA01#

"#" indicates a package specification code.

| NRND | General | RoHS | REACH | 125°C max. | Reflow OK | Flow OK |

< List of part numbers with package codes >

GRM31MR72A223MA01L   GRM31MR72A223MA01K

Appearance & Shape

References

Packaging	Specifications	Standard Packing Quantity
L	180Embossed Tape	3000
K	330Embossed Tape	10000

Mass (typ.)	
1 piece	34.0mg
φ180mm Reel	149g

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.

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Last updated01/24/2022

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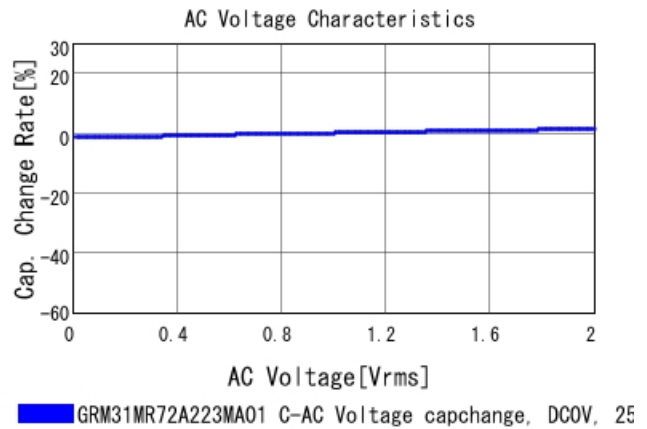http://www.murata.com/en/products/productdetail?partno=GRM31MR72A223MA01%23

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Specifications

Length	3.2±0.15mm
Width	1.6±0.15mm
Thickness	1.15±0.1mm
Capacitance	22000pF ±20%
Distance between external terminals g	1.5mm min.
External terminal size e	0.3 to 0.8mm
Operating Temperature Range	-55℃ to 125℃
Rated Voltage	100Vdc
Size code in inch(mm)	1206 (3216M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55℃ to 125℃

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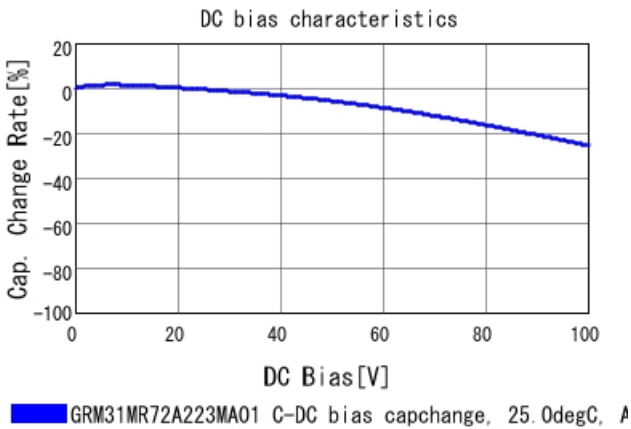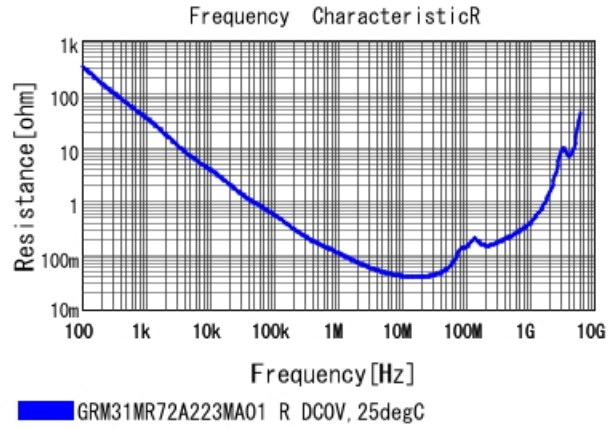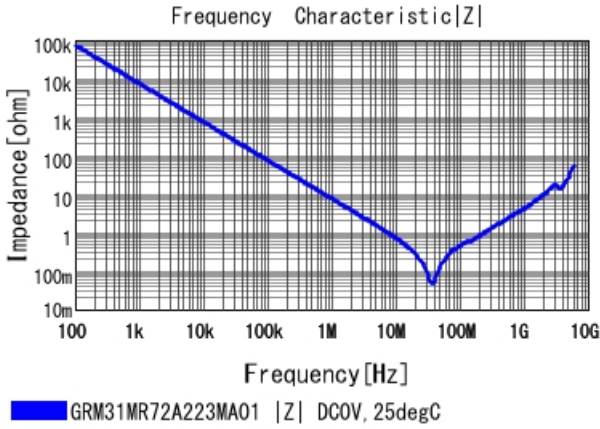URL : https://www.murata.com/

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Characteristic Data

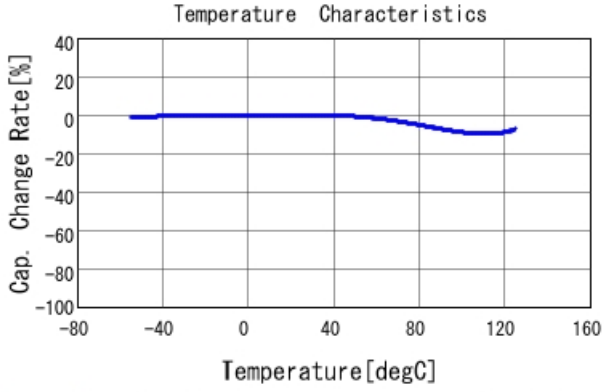The charts below may show another part number which shares its characteristics.

Frequency Characteristic|Z|

GRM31MR72A223MA01 |Z| DC0V, 25degC

Frequency CharacteristicR

GRM31MR72A223MA01 R DC0V, 25degC

DC bias characteristics

GRM31MR72A223MA01 C-DC bias capchange, 25.0degC, A

AC Voltage Characteristics

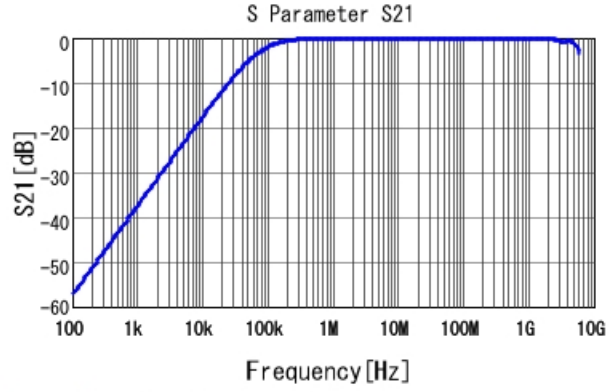GRM31MR72A223MA01 C-AC Voltage capchange, DC0V, 25

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GRM31MR72A223MA01 C-Temp. capchange, DC0.0V, AC1.0

GRM31MR72A223MA01 S21 DC0V, 25degC

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