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Product Search Data Sheet

Note: This datasheet may be out of date.
Please download the latest datasheet of GRM2165C2A122JA01# from the official website of Murata Manufacturing Co., Ltd.
http://www.murata.com/en-US/products/productdetail?partno=GRM2165C2A122JA01%23

GRM2165C2A122JA01#

"#" indicates a package specification code.
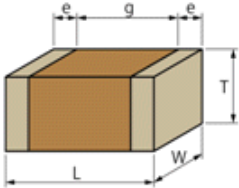
| In Production | General | RoHS | REACH | 125°C max. | Reflow OK | Flow OK |

< List of part numbers with package codes >
GRM2165C2A122JA01J   GRM2165C2A122JA01D

Appearance & Shape

References

Packaging	Specifications	Minimum Order Quantity
J	330mm Paper Tape	10000
D	180mm Paper Tape	4000

Mass (typ.)	
1 piece	6.4mg
φ180mm Reel	126g

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Specifications

Length	2.0±0.1mm
Width	1.25±0.1mm
Thickness	0.6±0.1mm
Capacitance	1200pF ±5%
Distance between external terminals g	0.7mm min.
External terminal size e	0.2 to 0.7mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	100Vdc
Size code in inch(mm)	0805 (2012M)
TC	0±30ppm/°C
Temperature characteristics (complied standard)	C0G(EIA)
Temperature range of temperature characteristics	25°C to 125°C

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Characteristic Data

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

Frequency Characteristic|Z|

GRM2165C2A122JA01 |Z| DC0V, 25degC

Frequency CharacteristicR

GRM2165C2A122JA01 R DC0V, 25degC

DC bias characteristics

GRM2165C2A122JA01 C-DC bias capchange, 25.0degC, AC1V

AC Voltage Characteristics

GRM2165C2A122JA01 C-AC Voltage capchange, DC0V, 25.0d
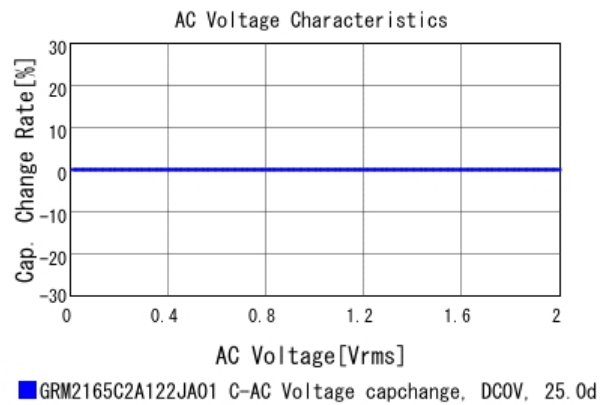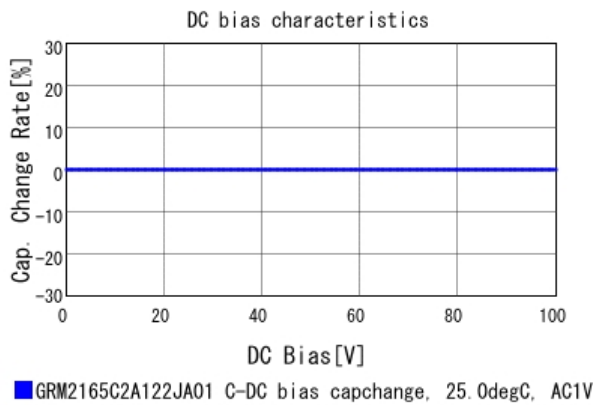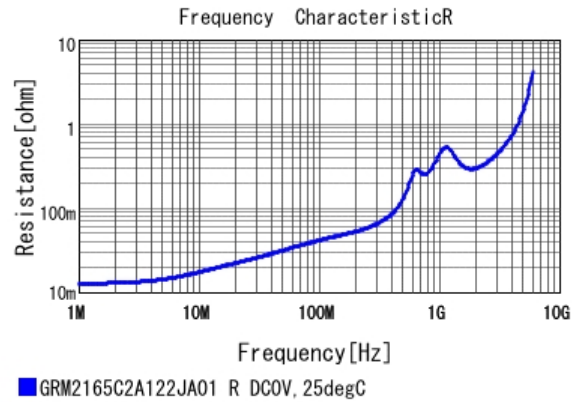
Attention

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.

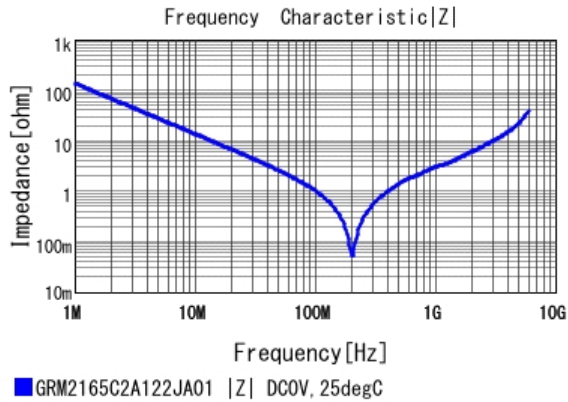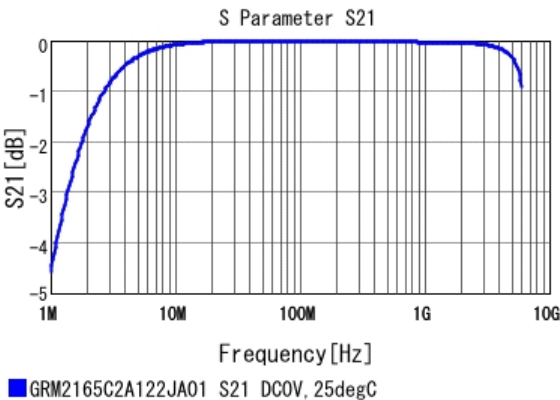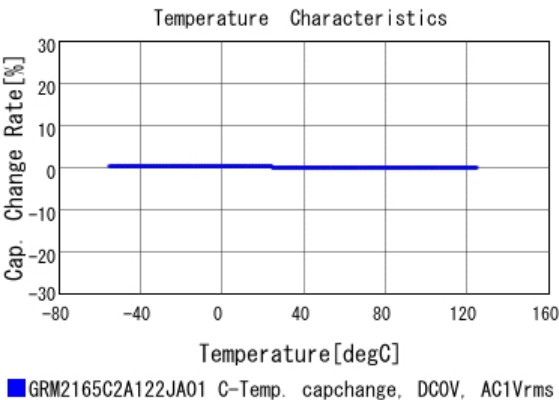2.This datasheet has only typical specifications because there is no space for detailed specifications.

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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GRM2165C2A122JA01 C-Temp. capchange, DC0V, AC1Vrms

GRM2165C2A122JA01 S21 DC0V, 25degC

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