

GRM2165C1H183JA01#

“#” indicates a package specification code.



< List of part numbers with package codes >

GRM2165C1H183JA01D GRM2165C1H183JA01J

Appearance & Shape



References

Packaging	Specifications	Standard Packing Quantity
D	180mm Paper Tape	4000
J	330mm Paper Tape	10000

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

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.

GRM2165C1H183JA01#

“#” indicates a package specification code.



Specifications

Length	2.0±0.1mm
Width	1.25±0.1mm
Thickness	0.6±0.05mm
Capacitance	18000pF ±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	50Vdc
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

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.

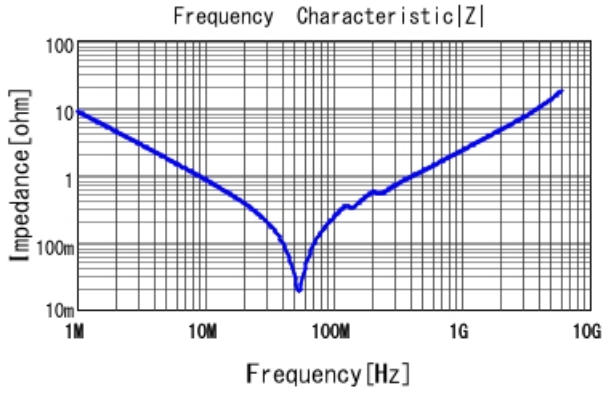
GRM2165C1H183JA01#

"#" indicates a package specification code.

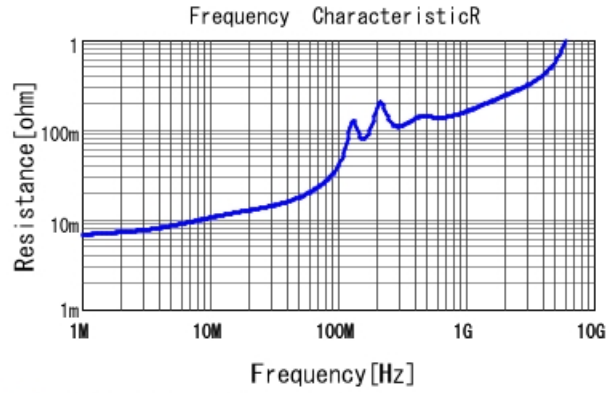


Characteristic Data

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



■ GRM2165C1H183JA01 |Z| DCOV, 25degC



■ GRM2165C1H183JA01 R DCOV, 25degC



■ GRM2165C1H183JA01 C-DC bias capchange, 25.0degC, AC1V



■ GRM2165C1H183JA01 C-AC Voltage capchange, DCOV, 25.0d

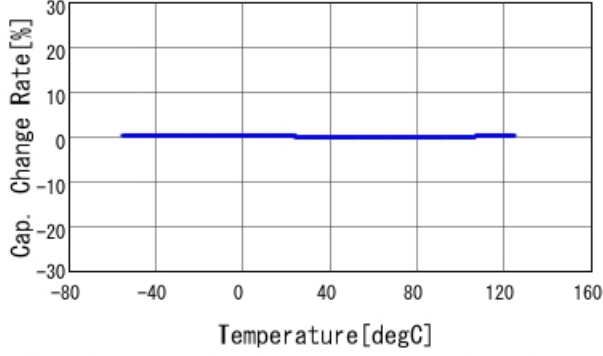
Attention

- 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.

GRM2165C1H183JA01#

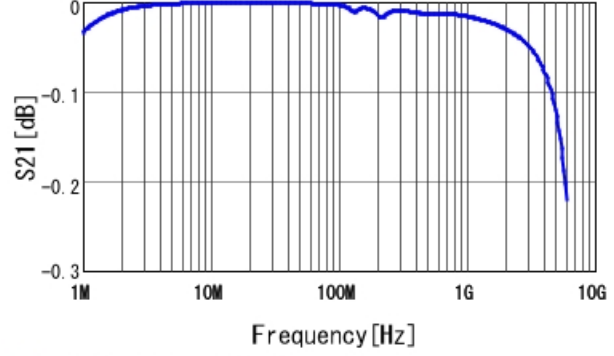
“#” indicates a package specification code.

Temperature Characteristics



■ GRM2165C1H183JA01 C-Temp. capchange, DCOV, AC1Vrms

S Parameter S21



■ GRM2165C1H183JA01 S21 DCOV, 25degC

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.