

### 1 Toddet Ocaren Data Oncet

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of GRM2165C2A181JA01# from the official website of Murata

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

http://www.murata.com/en-sg/products/productdetail?partno=GRM2165C2A181JA01%2

# GRM2165C2A181JA01#













< List of part numbers with package codes > GRM2165C2A181JA01D GRM2165C2A181JA01J



## **Applications**

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



### References

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

Mass (typ.)		
	1 piece	6.4mg



# Appearance & Shape





1 of 4

#### 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.

 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$ 

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





# GRM2165C2A181JA01#

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of GRM2165C2A181JA01# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=GRM2165C2A181JA01%23

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



# **Specifications**

Length	2.0±0.1mm
Width	1.25±0.1mm
Thickness	0.6±0.1mm
Capacitance	180pF ±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)
тс	0±30ppm/°C
Temperature characteristics (complied standard)	C0G(EIA)
Temperature range of temperature characteristics	25°C to 125°C

2 of 4

#### 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.

 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$ 

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



Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current

Please download the latest datasheet of GRM2165C2A181JA01# from the official website of Murata

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

CharacteristicR

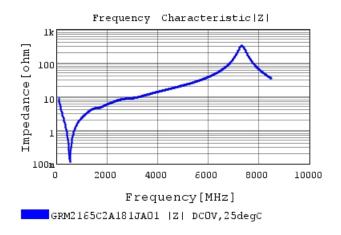
Frequency

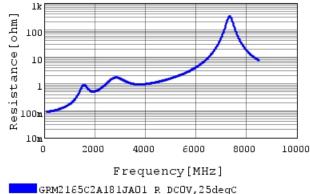




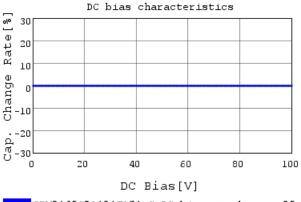
## Characteristic Data

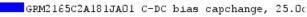
The charts below may show another part number which shares its characteristics.

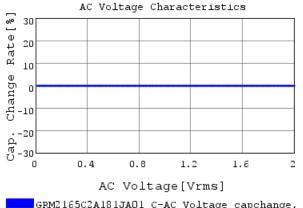




GRM2165C2A181JAO1 R DCOV,25degC







GRM2165C2A181JAO1 C-AC Voltage capchange, D(

3 of 4

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





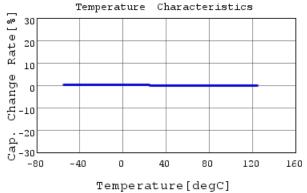
# GRM2165C2A181JA01#

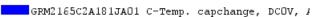
Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

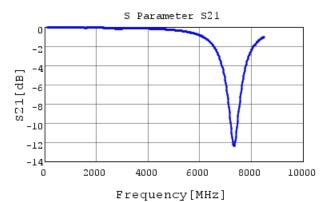
Please download the latest datasheet of GRM2165C2A181JA01# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=GRM2165C2A181JA01%23

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







GRM2165C2A181JA01 S21 DCOV,25degC

4 of 4

#### 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.

