

GCM31A7U2J180JX01#

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 GCM31A7U2J180JX01# from the official website of Murata

http://www.murata.com/en-sq/products/productdetail?partno=GCM31A7U2J180JX01%23

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















< List of part numbers with package codes > GCM31A7U2J180JX01D GCM31A7U2J180JX01J



Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Automotive powertrain/safety equipment,	
	Automotive infotainment/comfort	
	equipment,Medical equipment [GHTF	
	A/B/C] except for implant equipment	
	Please refer to Our Website and	
Specific	specifications, etc. for information about	
Applications	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	27.0mg



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.





GCM31A7U2J180JX01#

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 GCM31A7U2J180JX01# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=GCM31A7U2J180JX01%2

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



Specifications

Length	3.2±0.2mm
Width	1.6±0.2mm
Thickness	1.0+0/-0.3mm
Capacitance	18pF ±5%
Distance between external terminals g	1.5mm min.
External terminal size e	0.3mm min.
Operating Temperature Range	-55°C to 125°C
Rated Voltage	630Vdc
Size code in inch(mm)	1206 (3216M)
TC	-750±120ppm/°C
Temperature characteristics (complied standard)	U2J(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 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.





information provided may not be the most current Please download the latest datasheet of GCM31A7U2J180JX01# from the official website of Murata

Note: If you have not downloaded this document from our official website, please note that the

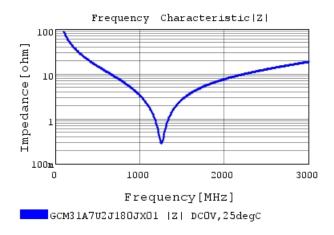
GCM31A7U2J180JX01#

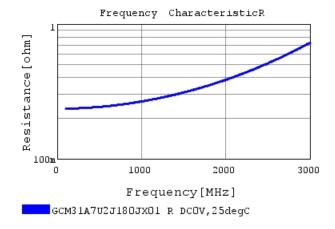
"#"at the end indicates the package specification code.

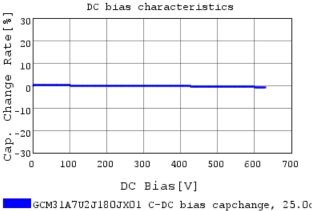


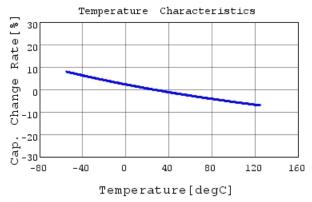
Characteristic Data

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









GCM31A7U2J18OJXO1 C-Temp. capchange, DCOV, 1

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





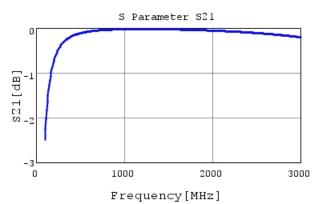
GCM31A7U2J180JX01#

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 GCM31A7U2J180JX01# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=GCM31A7U2J180JX01%23

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



GCM31A7U2J18OJXO1 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.

