

Note: This datasheet may be out of date. $Please\ download\ the\ latest\ data sheet\ of\ GCD188R72A822KA01\#\ from\ the\ official\ website\ of\ Murata$ Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=GCD188R72A822KA01%23

"#" indicates a package specification code.

GCD188R72A822KA01#















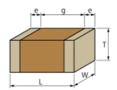


< List of part numbers with package codes > GCD188R72A822KA01D GCD188R72A822KA01J



Appearance & Shape







References

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

Mass (typ.)		
1 piece	6.3mg	
φ180mm Reel	144g	

1 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.





GCD188R72A822KA01#

Note: This datasheet may be out of date.

Please download the latest datasheet of GCD188R72A822KA01# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=GCD188R72A822KA01%23

"#" indicates a package specification code.



Specifications

Length	1.6±0.1mm
Width	0.8±0.1mm
Thickness	0.8±0.1mm
Capacitance	8200pF ±10%
Distance between external terminals g	0.5mm min.
External terminal size e	0.2 to 0.5mm
Operating Temperature Range	-55°C to 125°C
Rated Voltage	100Vdc
Size code in inch(mm)	0603 (1608M)
Capacitance change rate	±15.0%
Temperature characteristics (complied standard)	X7R(EIA)
Temperature range of temperature characteristics	-55°C to 125°C

2 of 4

Attentior

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.



Note: This datasheet may be out of date. Please download the latest datasheet of GCD188R72A822KA01# from the official website of Murata Manufacturing Co., Ltd.

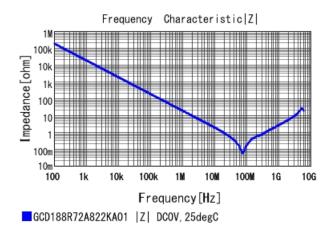
"#" indicates a package specification code.

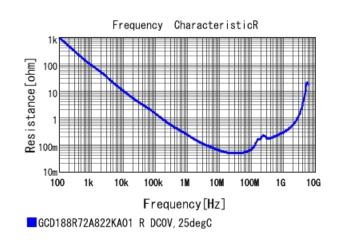


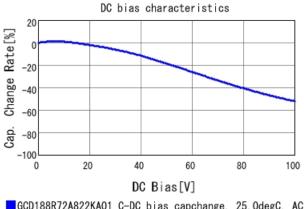
Characteristic Data

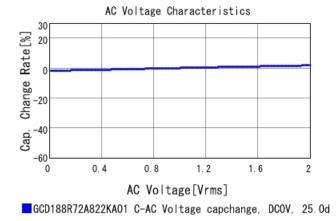
GCD188R72A822KA01#

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









GCD188R72A822KA01 C-DC bias capchange, 25.0degC, AC1.

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





1 Todadi Odalon Bala Onoo

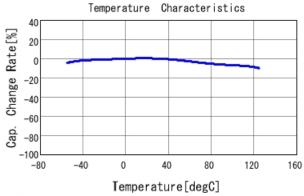
Note: This datasheet may be out of date.

Please download the latest datasheet of GCD188R72A822KA01# from the official website of Murata Manufacturing Co., Ltd.

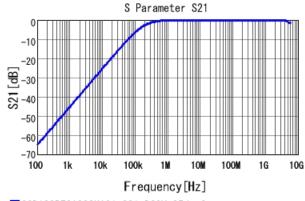
http://www.murata.com/en/products/productdetail?partno=GCD188R72A822KA01%23

"#" indicates a package specification code.

GCD188R72A822KA01#



GCD188R72A822KA01 C-Temp. capchange, DC0.0V, AC1.0Vrm



GCD188R72A822KA01 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.

