

## GCM1555C1H3R3BA16#

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 GCM1555C1H3R3BA16# from the official website of Murata

http://www.murata.com/en-qb/products/productdetail?partno=GCM1555C1H3R3BA16%23

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













< List of part numbers with package codes > GCM1555C1H3R3BA16D GCM1555C1H3R3BA16W GCM1555C1H3R3BA16V

#### GCM1555C1H3R3BA16J



## **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

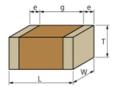
Packaging	Specifications	Standard Packing Quantity
D	φ180mm Reel Paper Tape	10000
W	φ180mm Reel W8P1 Paper Tape	20000
J	φ330mm Reel Paper Tape	50000
V	φ330mm Reel W8P1 Paper Tape	100000

Mass (typ.)		
1 piece	1.6mg	



## 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.





# GCM1555C1H3R3BA16#

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 GCM1555C1H3R3BA16# from the official website of Murata

http://www.murata.com/en-gb/products/productdetail?partno=GCM1555C1H3R3BA16%2

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



# **Specifications**

Length	1.0±0.05mm	
Width	0.5±0.05mm	
	1	
Thickness	0.5±0.05mm	
Capacitance	3.3pF ±0.1pF	
Distance between external terminals g	0.3mm min.	
External terminal size e	0.15 to 0.35mm	
Operating Temperature Range	-55°C to 125°C	
Rated Voltage	50Vdc	
Size code in inch(mm)	0402 (1005M)	
TC	0±30ppm/°C	
Temperature characteristics	C0G(EIA)	
(complied standard)	` '	
Temperature range of	25°C to 125°C	
temperature characteristics		

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.



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 GCM1555C1H3R3BA16# from the official website of Murata

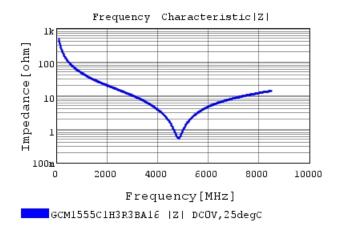
# GCM1555C1H3R3BA16#

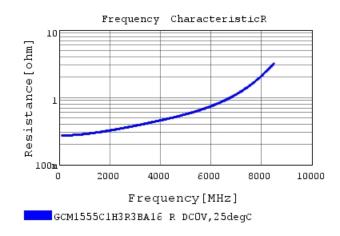
"#"at the end indicates the package specification code.

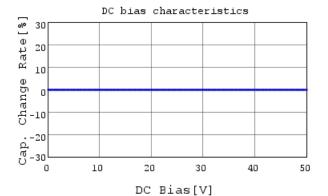


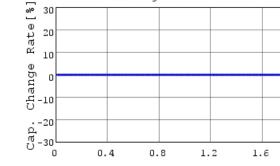
### Characteristic Data

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









20

GCM1555C1H3R3BA16 C-DC bias capchange, 25.0c

AC Voltage[Vrms] GCM1555C1H3R3BA16 C-AC Voltage capchange, D(

AC Voltage Characteristics

3 of 4

2

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



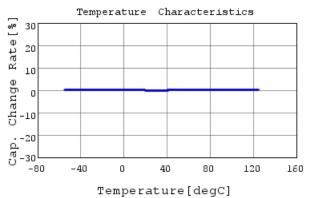


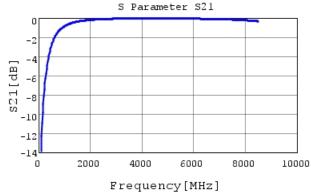
# GCM1555C1H3R3BA16#

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 GCM1555C1H3R3BA16# from the official website of Murata

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





GCM1555C1H3R3BA16 C-Temp. capchange, DCOV, 1 GCM1555C1H3R3BA16 S21 DCOV,25degC

4 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.

