

# GRM21BB31E475MA75#

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 GRM21BB31E475MA75# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=GRM21BB31E475MA75%23

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

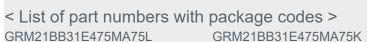














### **Applications**

| Unsuitable            | Please be sure to read and comply with     |
|-----------------------|--|
| 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             |
| Specific Applications | 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

|           |                  | Standard |
|-----------|------------------|----------|
| Packaging | Specifications   | Packing  |
|           |                  | Quantity |
| L         | 180Embossed Tape | 3000     |
| К         | 330Embossed Tape | 10000    |

| Mass (typ.) |        |
|-------------|--------|
| 1 piece     | 17.0mg |



# 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.





# GRM21BB31E475MA75#

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 GRM21BB31E475MA75# from the official website of Murata

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



# **Specifications**

| Length   | 2.0±0.1mm     |
|--|---------------|
| Width  | 1.25±0.1mm    |
| Thickness  | 1.25±0.1mm    |
| Capacitance                                      | 4.7µF ±20%    |
| Distance between external terminals g            | 0.7mm min.    |
| External terminal size e                         | 0.2 to 0.7mm  |
| Operating Temperature<br>Range                   | -25°C to 85°C |
| Rated Voltage                                    | 25Vdc         |
| Size code in inch(mm)                            | 0805 (2012M)  |
| Capacitance change rate                          | ±10.0%        |
| Temperature characteristics (complied standard)  | B(JIS)        |
| Temperature range of temperature characteristics | -25°C to 85°C |

2 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.



information provided may not be the most current. Please download the latest datasheet of GRM21BB31E475MA75# from the official website of Murata

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

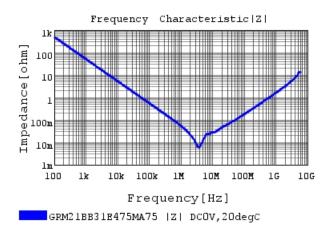
"#"at the end indicates the package specification code.

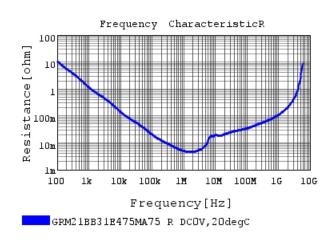


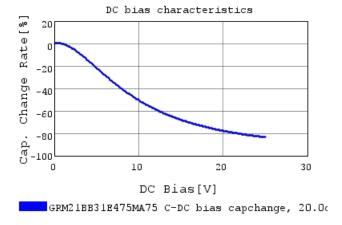
#### Characteristic Data

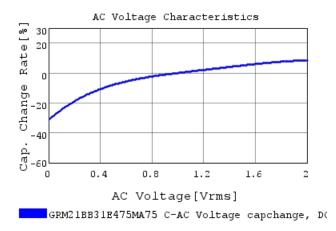
GRM21BB31E475MA75#

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









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





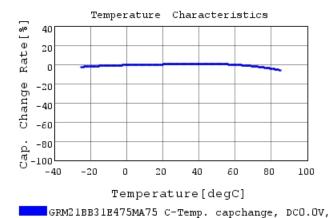
# GRM21BB31E475MA75#

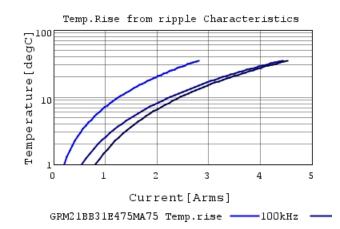
Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of GRM21BB31E475MA75# from the official website of Murata

http://www.murata.com/en-sg/products/productdetail?partno=GRM21BB31E475MA75%23

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





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.



4 of 4