

### Product Search Data Sheet

#### Please download the latest datasheet of GRM21BR61D106KE15# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=GRM21BR61D106KE15%23

Note: This datasheet may be out of date.

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

# NRND





GRM21BR61D106KE15#









< List of part numbers with package codes > GRM21BR61D106KE15L GRM21BR61D106KE15K



### **Applications**

| Unsuitable                          | Please be sure to read and comply with   |  |
|-------------------------------------|--|--|
| Applications                        | these "Precautions for use."   |  |
| Applications  Specific Applications | 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.   |  |



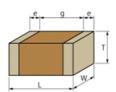
### **Notices**

### Derating1



### Appearance & Shape







### References

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

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

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2. This datasheet has only typical specifications because there is no space for detailed specifications.

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## **Specifications**

| Length   | 2.0±0.1mm     |
|--|---------------|
| Width  | 1.25±0.1mm    |
| Thickness  | 1.25±0.1mm    |
| Capacitance                                      | 10μF ±10%     |
| Distance between external terminals g            | 0.7mm min.    |
| External terminal size e                         | 0.2 to 0.7mm  |
| Operating Temperature<br>Range                   | -55°C to 85°C |
| Rated Voltage                                    | 20Vdc         |
| Size code in inch(mm)                            | 0805 (2012M)  |
| Capacitance change rate                          | ±15.0%        |
| Temperature characteristics (complied standard)  | X5R(EIA)      |
| Temperature range of temperature characteristics | -55°C to 85°C |

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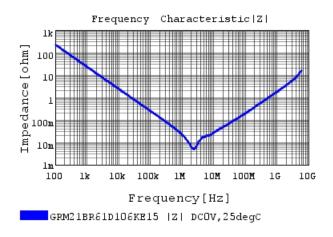
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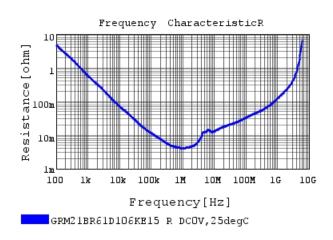


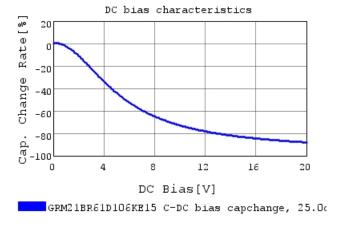
### Characteristic Data

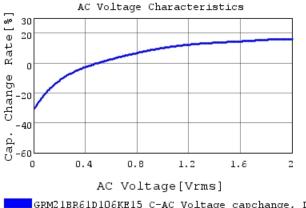
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The charts below may show another part number which shares its characteristics.









GRM21BR61D1O6KE15 C-AC Voltage capchange, D(

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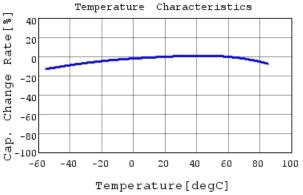
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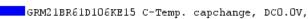
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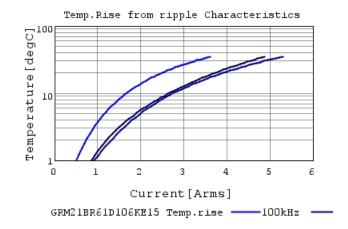
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