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Please download the latest datasheet of GRM21BR61E475MA12# from the official website of Murata

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

Manufacturing Co., Ltd.

Note: This datasheet may be out of date.

http://www.murata.com/en-us/products/productdetail?partno=GRM21BR61E475MA12%2

## GRM21BR61E475MA12#













< List of part numbers with package codes > GRM21BR61E475MA12L GRM21BR61E475MA12K



## Applications

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



### References

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

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



# Appearance & Shape





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# **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                   | -55°C to 85°C |
| Rated Voltage                                    | 25Vdc         |
| 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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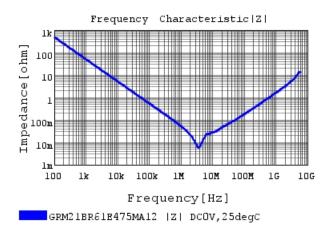
"#"at the end indicates the package specification code.

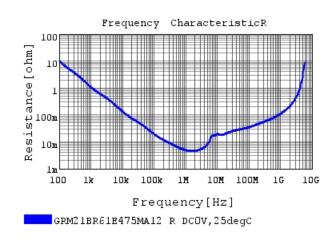


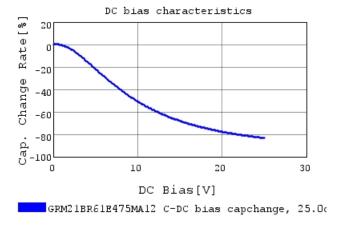
### Characteristic Data

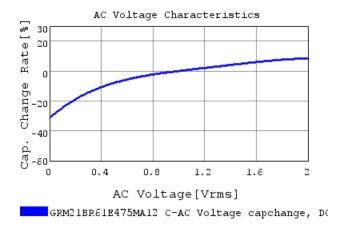
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The charts below may show another part number which shares its characteristics.









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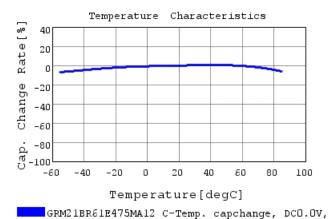
# GRM21BR61E475MA12#

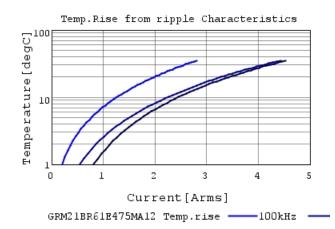
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