

### Please download the latest datasheet of GRM219B31A226MEA0# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=GRM219B31A226MEA0%23

Note: This datasheet may be out of date.

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

# GRM219B31A226MEA0#















< List of part numbers with package codes > GRM219B31A226MEA0D GRM219B31A226MEA0J



## **Applications**

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



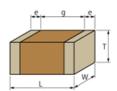
## **Notices**

### Derating1



## Appearance & Shape







## References

| Packaging | Specifications         | Standard Packing Quantity |
|-----------|------------------------|---------------------------|
| D         | φ180mm Reel Paper Tape | 4000                      |
| J         | φ330mm Reel Paper Tape | 10000                     |

| Mass (typ.) |        |  |
|-------------|--------|--|
| 1 piece     | 11.0mg |  |

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# **Specifications**

| Length   | 2.0±0.15mm    |
|--|---------------|
| Width  | 1.25±0.15mm   |
| Thickness  | 0.85±0.1mm    |
| Capacitance                                      | 22μF ±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                                    | 10Vdc         |
| 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 |

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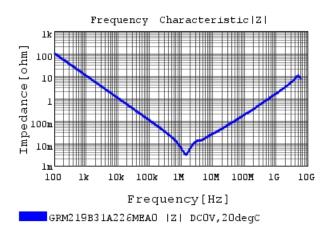
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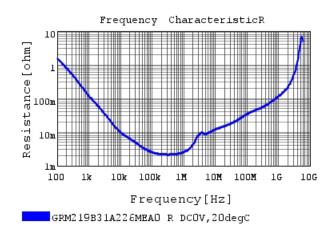


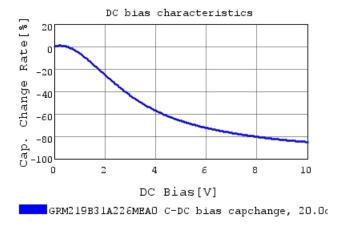
## Characteristic Data

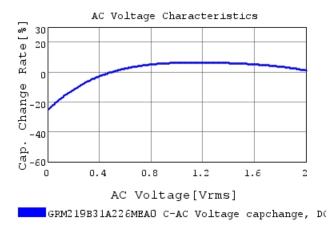
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The charts below may show another part number which shares its characteristics.









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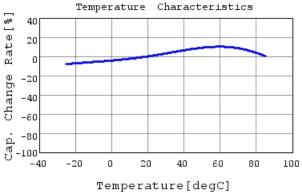
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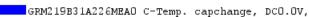
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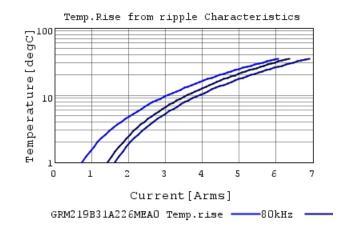
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