

# GCM31A5C3A220JX01#

Note: This datasheet may be out of date.

Please download the latest datasheet of GCM31A5C3A220JX01# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-gb/products/productdetail?partno=GCM31A5C3A220JX01%2

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















< List of part numbers with package codes > GCM31A5C3A220JX01D GCM31A5C3A220JX01J



### **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<br>Applications | 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

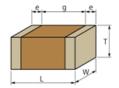
|           | Specifications         | Standard |
|-----------|------------------------|----------|
| Packaging |                        | Packing  |
|           |                        | Quantity |
| D         | φ180mm Reel Paper Tape | 4000     |
| J         | φ330mm Reel Paper Tape | 10000    |

| Mass (typ.) |         |        |
|-------------|---------|--------|
|             | 1 piece | 27.0mg |



### Appearance & Shape





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## **Specifications**

| Length                                | 3.2±0.2mm      |
|---------------------------------------|----------------|
| Width                                 | 1.6±0.2mm      |
| Thickness                             | 1.0+0/-0.3mm   |
| Capacitance                           | 22pF ±5%       |
| Distance between external terminals g | 1.5mm min.     |
| External terminal size e              | 0.3mm min.     |
| Operating Temperature<br>Range        | -55°C to 125°C |
| Rated Voltage                         | 1000Vdc        |
| Size code in inch(mm)                 | 1206 (3216M)   |
| тс                                    | 0±30ppm/°C     |
| Temperature characteristics           | C0G(EIA)       |
| (complied standard)                   | ` '            |
| Temperature range of                  | 25°C to 125°C  |
| temperature characteristics           |                |

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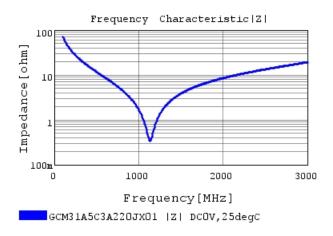
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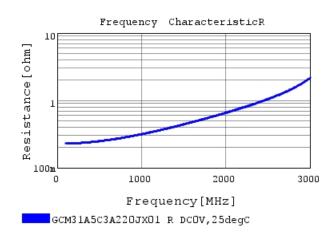
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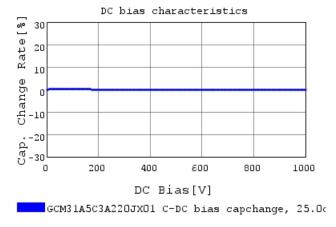


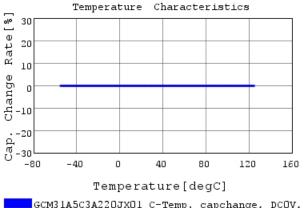
### Characteristic Data

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









GCM31A5C3A22OJXO1 C-Temp. capchange, DCOV, 1

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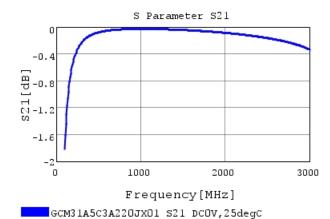
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