Product Search Data Sheet

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Please download the latest datasheet of GCM31A7U2J270JX01# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=GCM31A7U2J270JX01%23

# GCM31A7U2J270JX01#

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

In Production | AEC-Q200 | RoHS | REACH | 125 °C max. | Reflow OK | Flow OK

## < List of part numbers with package codes >

GCM31A7U2J270JX01D GCM31A7U2J270JX01J

## Applications

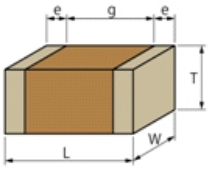
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
|---|---|
| Specific Applications | Automotive powertrain/safety equipment, Automotive infotainment/comfort equipment,Medical equipment [GHTF A/B/C] except for implant equipment Please refer to Our Website 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

| Packaging | Specifications | Standard 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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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.

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## Specifications

| | |
|---|---|
| Length | 3.2±0.2mm |
| Width | 1.6±0.2mm |
| Thickness | 1.0+0/-0.3mm |
| Capacitance | 27pF ±5% |
| Distance between external terminals g | 1.5mm min. |
| External terminal size e | 0.3mm min. |
| Operating Temperature Range | -55℃ to 125℃ |
| Rated Voltage | 630Vdc |
| Size code in inch(mm) | 1206 (3216M) |
| TC | -750±120ppm/℃ |
| Temperature characteristics (complied standard) | U2J(EIA) |
| Temperature range of temperature characteristics | 25℃ to 125℃ |



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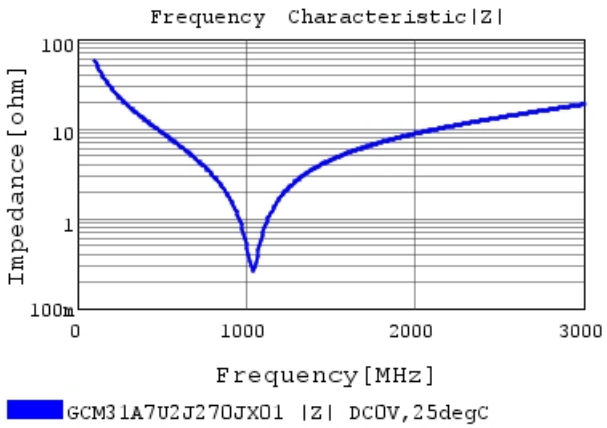
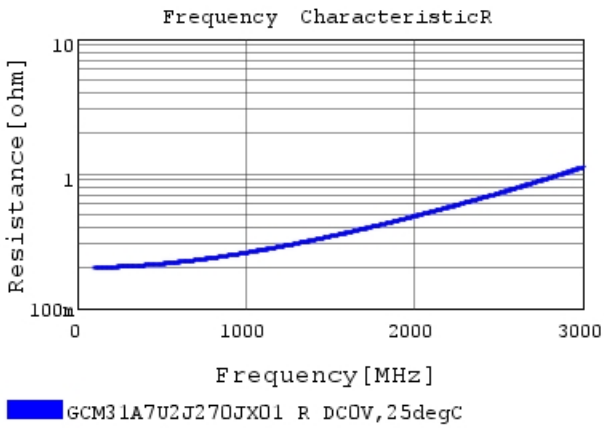
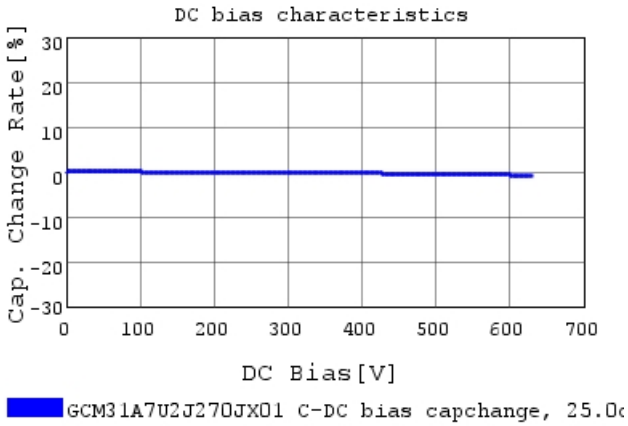
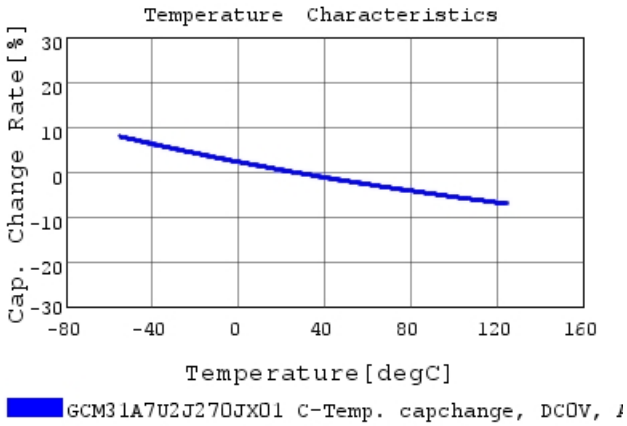
## Characteristic Data

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



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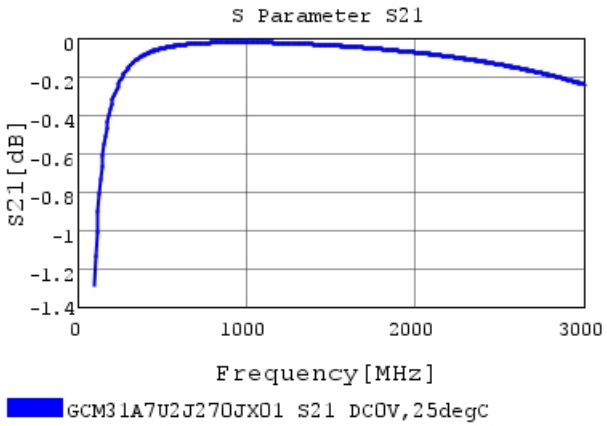




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