

GCM31A7U2J681JX01#

Note: This datasheet may be out of date.

Please download the latest datasheet of GCM31A7U2J681JX01# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-sg/products/productdetail?partno=GCM31A7U2J681JX01%23

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















< List of part numbers with package codes > GCM31A7U2J681JX01D GCM31A7U2J681JX01J



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 | specifications, etc. for information about |
| Applications | 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

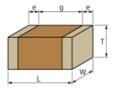
| Packaging | Specifications | Standard Packing |
|-----------|------------------------|---------------------|
| | | Quantity |
| D | φ180mm Reel Paper Tape | 4000 |
| J | φ330mm Reel Paper Tape | 10000 |

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



Appearance & Shape





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 $2. This \ data{sheet has only typical specifications because there is no \ space for \ detailed \ specifications.}$

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Specifications

| Length | 3.2±0.2mm |
|--|----------------|
| Width | 1.6±0.2mm |
| Thickness | 1.0+0/-0.3mm |
| Capacitance | 680pF ±5% |
| Distance between external terminals g | 1.5mm min. |
| External terminal size e | 0.3mm min. |
| Operating Temperature Range | -55°C to 125°C |
| Rated Voltage | 630Vdc |
| Size code in inch(mm) | 1206 (3216M) |
| TC | -750±120ppm/°C |
| Temperature characteristics (complied standard) | U2J(EIA) |
| Temperature range of temperature characteristics | 25°C to 125°C |

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Product Search Data Sheet

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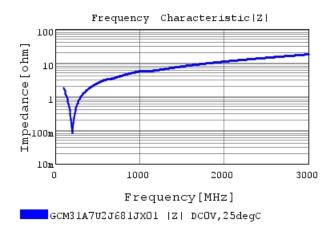
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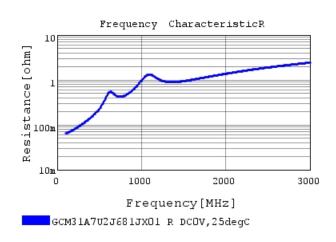


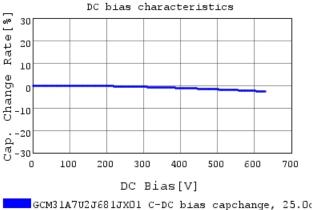
Characteristic Data

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









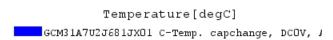
Change Rate[%]

Cap. -20 -30

-80

-40

20 10



120

160

Temperature Characteristics

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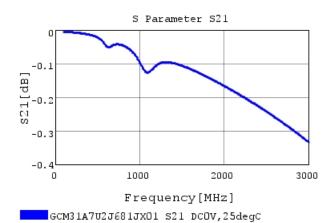
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