

# GCM1885C2A271JA16#

“#” at the end indicates the package specification code.



## < List of part numbers with package codes >

GCM1885C2A271JA16D

GCM1885C2A271JA16W

GCM1885C2A271JA16J

GCM1885C2A271JA16V

## Applications

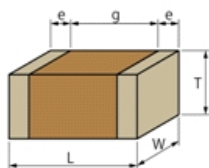
|                         |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 [GHF A/B/C] except for implant equipment<br>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                      |
| W         | φ180mm Reel W8P2 Paper Tape | 8000                      |
| J         | φ330mm Reel Paper Tape      | 10000                     |
| V         | φ330mm Reel W8P2 Paper Tape | 30000                     |

| Mass (typ.) |       |
|-------------|-------|
| 1 piece     | 6.3mg |

## Appearance & Shape



### Attention

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## Specifications

|                                                  |                |
|--------------------------------------------------|----------------|
| Length                                           | 1.6±0.1mm      |
| Width                                            | 0.8±0.1mm      |
| Thickness                                        | 0.8±0.1mm      |
| Capacitance                                      | 270pF ±5%      |
| Distance between external terminals g            | 0.5mm min.     |
| External terminal size e                         | 0.2 to 0.5mm   |
| Operating Temperature Range                      | -55°C to 125°C |
| Rated Voltage                                    | 100Vdc         |
| Size code in inch(mm)                            | 0603 (1608M)   |
| TC                                               | 0±30ppm/°C     |
| Temperature characteristics (complied standard)  | C0G(EIA)       |
| Temperature range of temperature characteristics | 25°C to 125°C  |

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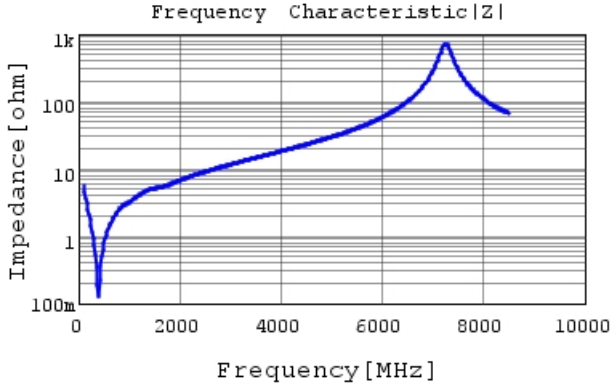
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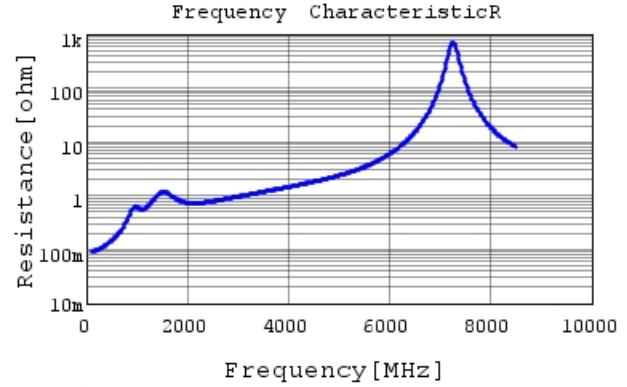


## Characteristic Data

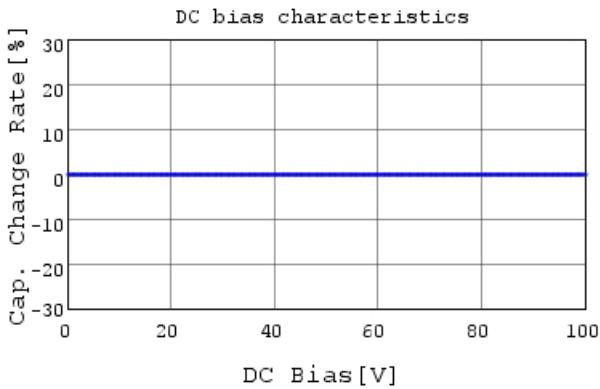
The charts below may show another part number which shares its characteristics.



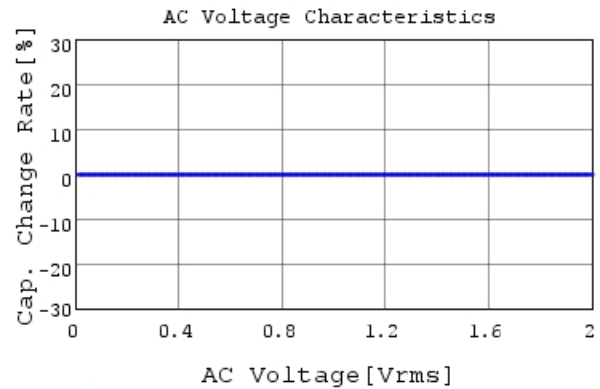
GCM1885C2A271JA16 |Z| DCOV,25degC



GCM1885C2A271JA16 R DCOV,25degC



GCM1885C2A271JA16 C-DC bias capchange, 25.0c



GCM1885C2A271JA16 C-AC Voltage capchange, Dc

### Attention

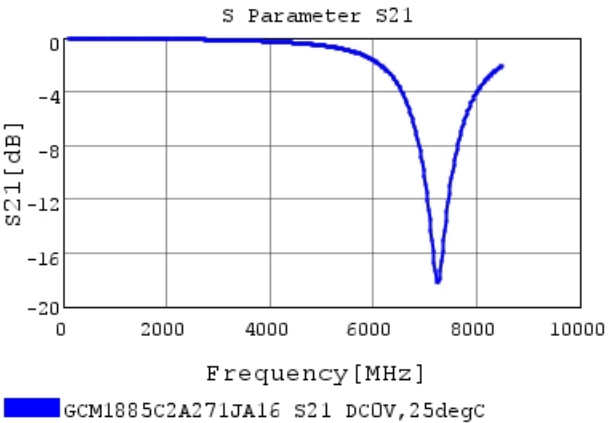
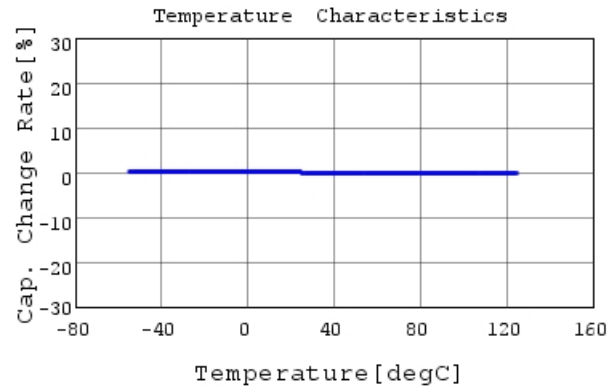
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