

GCM2165C2A181JA16#

" # " indicates a package specification code.

Recommended

Flow OK

Reflow OK

Complies with RoHS

AEC-Q200

< List of part numbers with package codes >
GCM2165C2A181JA16D , GCM2165C2A181JA16J

Shape



| | |
|---------------------------------------|---------------|
| L size | 2.0 ± 0.15mm |
| W size | 1.25 ± 0.15mm |
| T size | 0.6 ± 0.1mm |
| External terminal width e | 0.2 to 0.7mm |
| Distance between external terminals g | 0.7mm min. |
| Size code in inch(mm) | 0805 (2012) |

References

| Packaging | Specifications | Minimum quantity |
|-----------|--------------------|------------------|
| D | 180mm Paper taping | 4000 |
| J | 330mm Paper taping | 10000 |

| Mass (typ.) | |
|-------------|-------|
| 1 piece | 6.4mg |
| 180mm Reel | 126g |

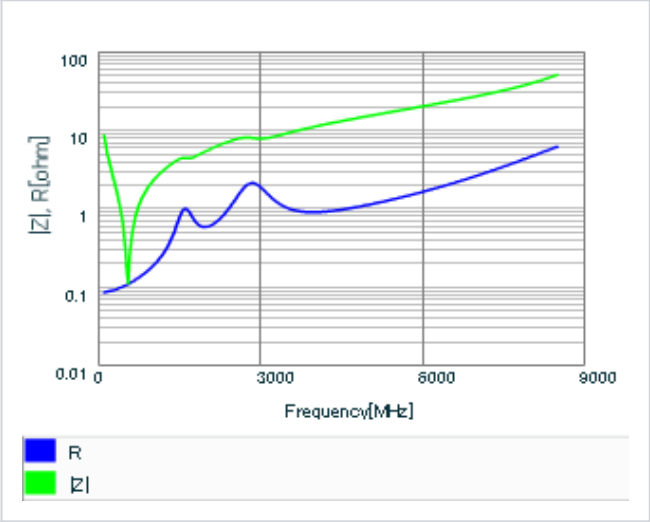
Specifications

| | |
|--|------------|
| Capacitance | 180pF ± 5% |
| Rated voltage | 100Vdc |
| Temperature characteristics (complied standard) | COG(EIA) |
| Temperature coefficient | 0 ± 30ppm/ |
| Temperature range of temperature characteristics | 25 to 125 |
| Operating temperature range | -55 to 125 |

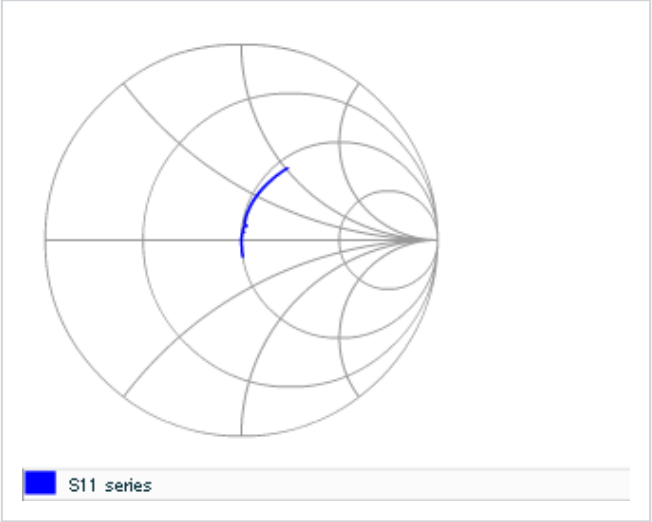
⚠ Attention

1.This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it ' s specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
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.

Frequency characteristics (ESR, Impedance)



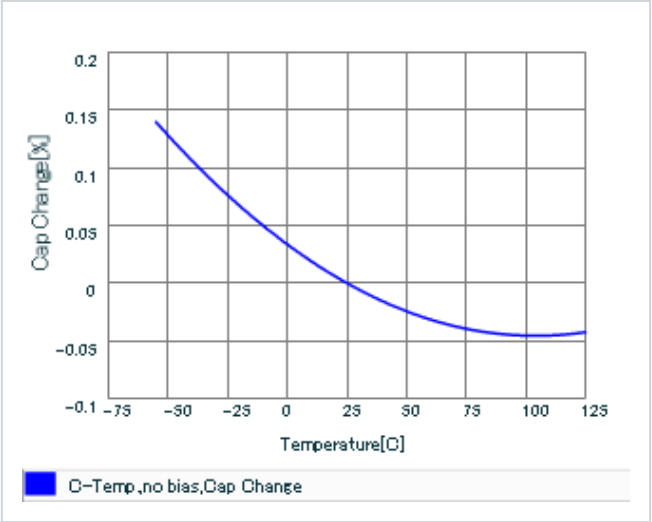
S parameter (Smith chart S11)



AC voltage characteristics



Capacitance - temperature characteristics



This PDF data 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.