

GCM1885C2A470JA16#

“ # ” indicates a package specification code.

Recommended

Flow OK

Reflow OK

Complies with RoHS

AEC-Q200

< List of part numbers with package codes >
GCM1885C2A470JA16D , GCM1885C2A470JA16J

Shape



| | |
|---------------------------------------|--------------|
| L size | 1.6 ± 0.1mm |
| W size | 0.8 ± 0.1mm |
| T size | 0.8 ± 0.1mm |
| External terminal width e | 0.2 to 0.5mm |
| Distance between external terminals g | 0.5mm min. |
| Size code in inch(mm) | 0603 (1608) |

References

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

| Mass (typ.) | |
|-------------|-------|
| 1 piece | 6.3mg |
| 180mm Reel | 144g |

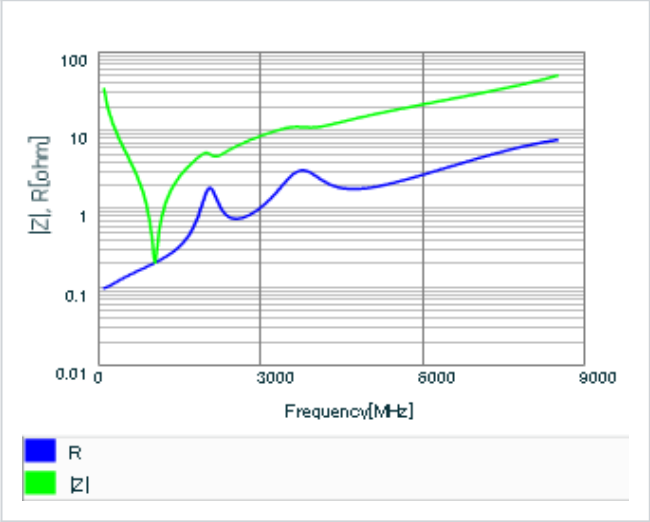
Specifications

| | |
|--|------------|
| Capacitance | 47pF ± 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 |

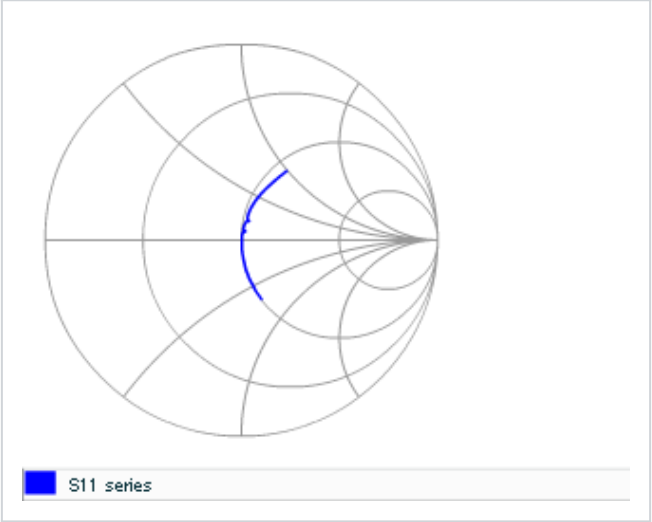
⚠ Attention

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- 2.This datasheet has only typical specifications because there is no space for detailed specifications.
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Frequency characteristics (ESR, Impedance)



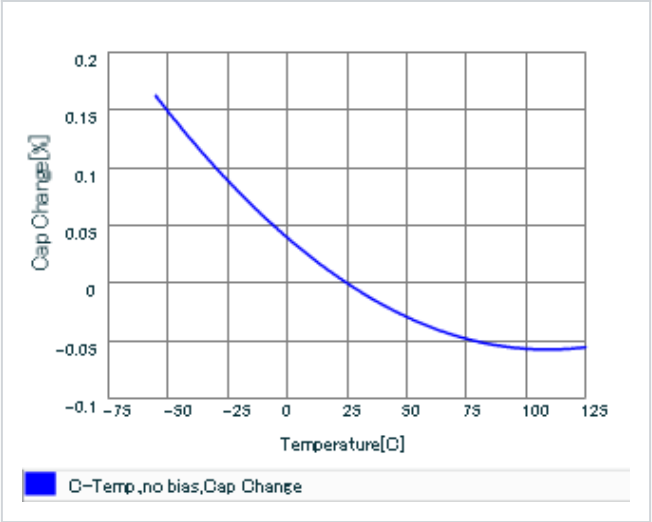
S parameter (Smith chart S11)



AC voltage characteristics



Capacitance - temperature characteristics



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