

GRM2165C2A561JA01#

" # " indicates a package specification code.

Recommended

In Production

General

125℃

Reflow OK


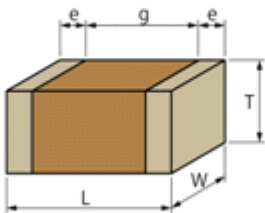
Flow OK

RoHS

REACH

< List of part numbers with package codes >
GRM2165C2A561JA01D , GRM2165C2A561JA01J

Shape



| | |
|---------------------------------------|--------------|
| L size | 2.0 ± 0.1mm |
| W size | 1.25 ± 0.1mm |
| 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 |

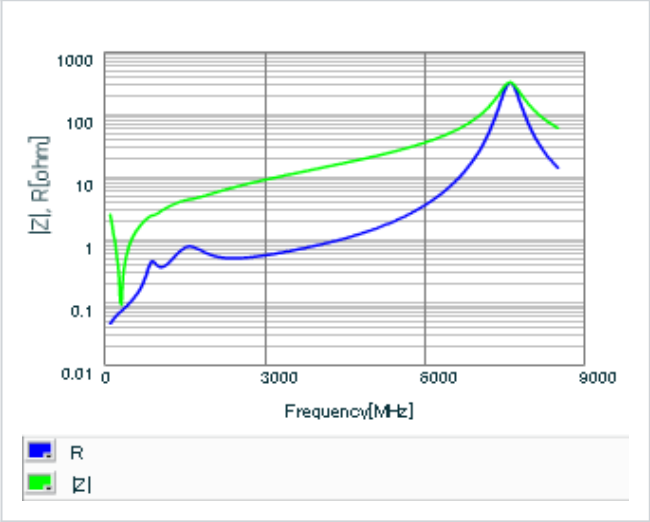
Specifications

| | |
|--|------------|
| Capacitance | 560pF ± 5% |
| Rated voltage | 100Vdc |
| Temperature characteristics (complied standard) | C0G(EIA) |
| Temperature coefficient | 0 ± 30ppm/ |
| Temperature range of temperature characteristics | 25 to 125 |
| Operating temperature range | -55 to 125 |

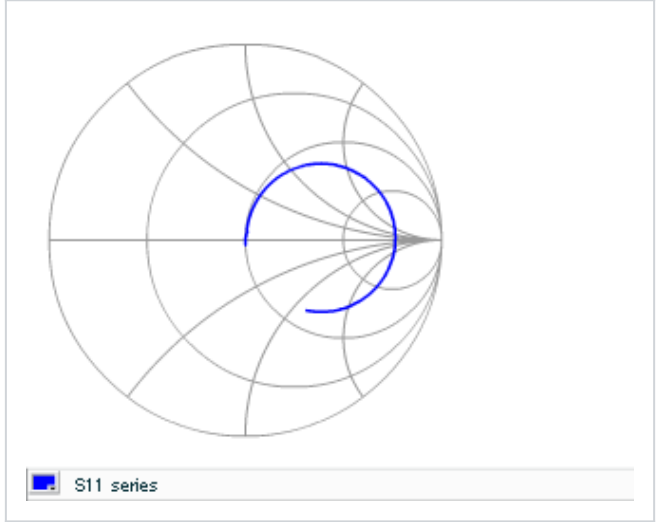
⚠ Attention

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- 2.This datasheet has only typical specifications because there is no space for detailed specifications.
- Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

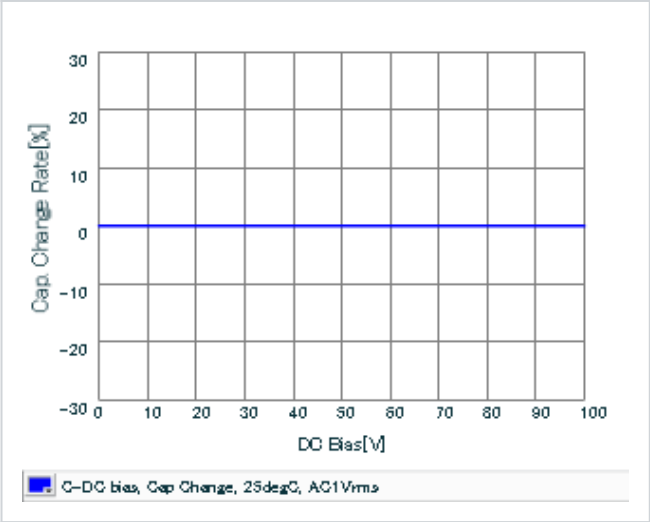
Frequency characteristics (ESR, Impedance)



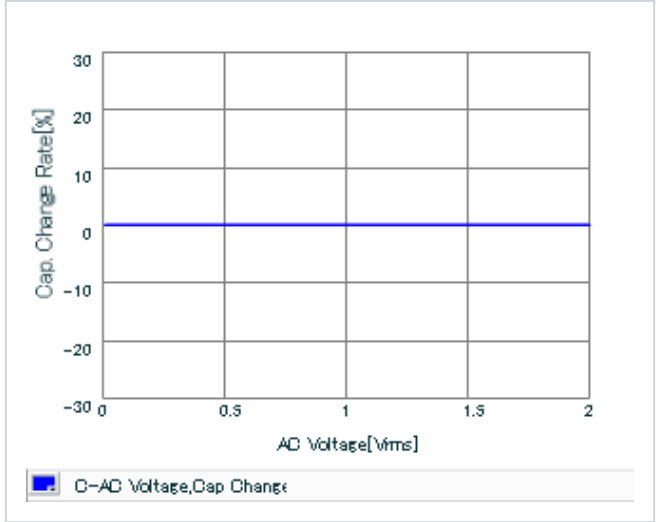
S parameter (Smith chart S11)



DC bias characteristics



AC voltage characteristics



Capacitance - temperature characteristics

