

# GCM2165C2A152JA16#

“ # ” indicates a package specification code.

Recommended

Flow OK


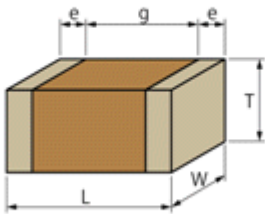
Reflow OK

Complies with RoHS

AEC-Q200

< List of part numbers with package codes >  
GCM2165C2A152JA16D , GCM2165C2A152JA16J

## 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  |

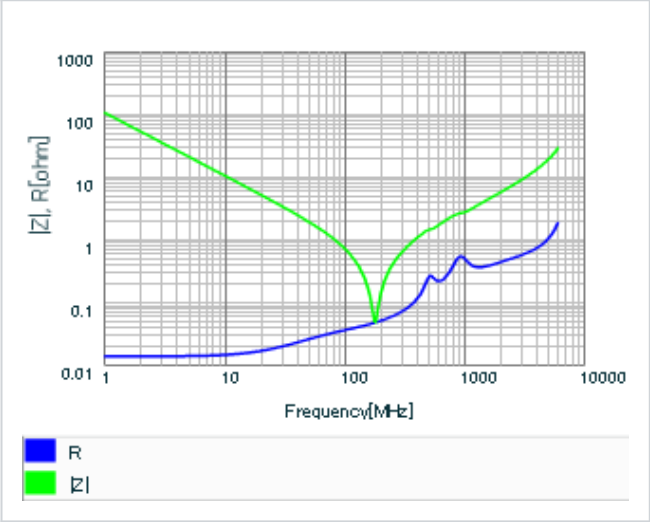
## Specifications

|  |             |
|--|-------------|
| Capacitance                                      | 1500pF ± 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  |

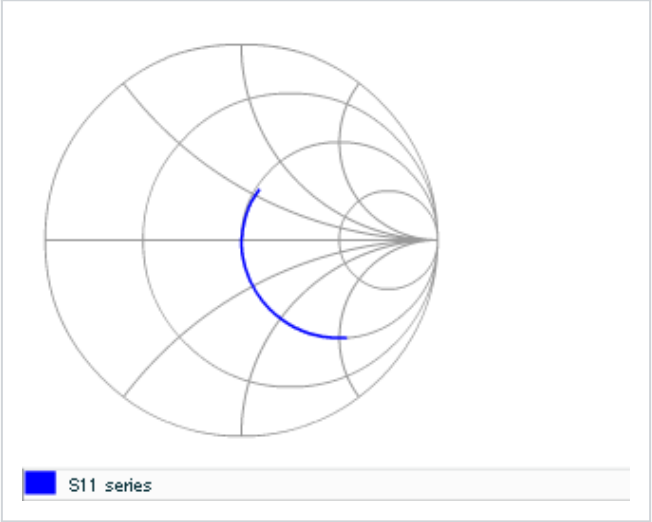
### ⚠ Attention

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Frequency characteristics (ESR, Impedance)



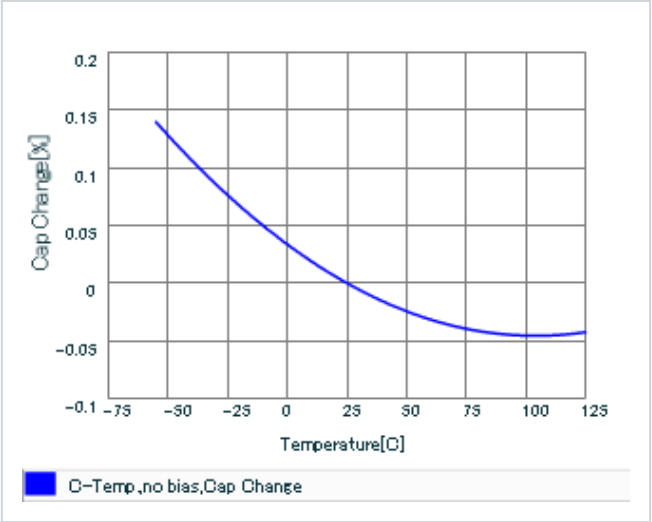
S parameter (Smith chart S11)



AC voltage characteristics



Capacitance - temperature characteristics



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