

GQM2195C2E3R3BB12#

“ # ” indicates a package specification code.

Recommended

Flow OK

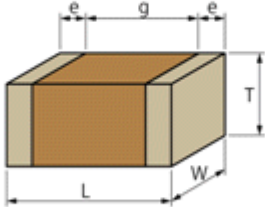
Reflow OK

Complies with RoHS

HIQ

< List of part numbers with package codes >  
GQM2195C2E3R3BB12D , GQM2195C2E3R3BB12B

Shape

|                                                                                   |                                                                                   |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |
| L size                                                                            | 2.0 ±0.15mm                                                                       |
| W size                                                                            | 1.25 ±0.15mm                                                                      |
| T size                                                                            | 0.85 ±0.15mm                                                                      |
| External terminal width e                                                         | 0.2 to 0.7mm                                                                      |
| Distance between external terminals g (Min.)                                      | 0.7mm                                                                             |
| Size code in mm(inch)                                                             | 2012 (0805)                                                                       |

References

| Packaging | Specifications       | Minimum quantity |
|-----------|----------------------|------------------|
| D         | Paper tape (φ 180mm) | 4000             |
| B         | Packing in bulk      | 1000             |

| Mass (typ.)    |       |
|----------------|-------|
| 1 piece        | 9.5mg |
| Reel (φ 180mm) | 142g  |

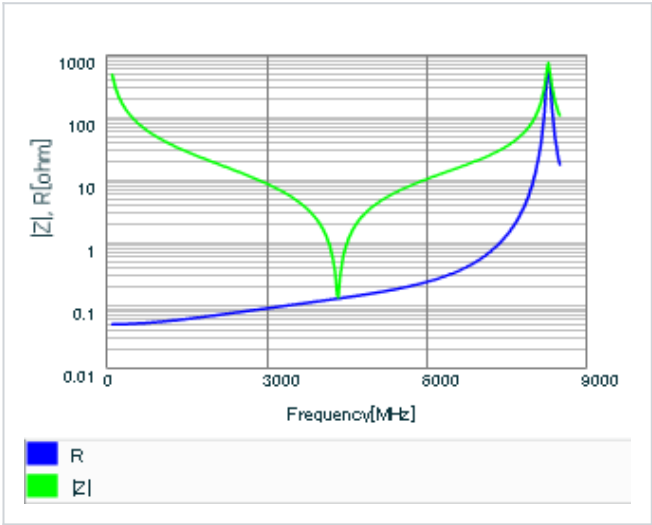
Specifications

|                                                  |              |
|--------------------------------------------------|--------------|
| Capacitance                                      | 3.3pF ±0.1pF |
| Rated voltage                                    | 250Vdc       |
| Temperature characteristics (complied standard)  | COG(EIA)     |
| Temperature coefficient                          | 0±30ppm/°C   |
| Temperature range of temperature characteristics | 25 to 125°C  |
| Operating temperature range                      | -55 to 125°C |

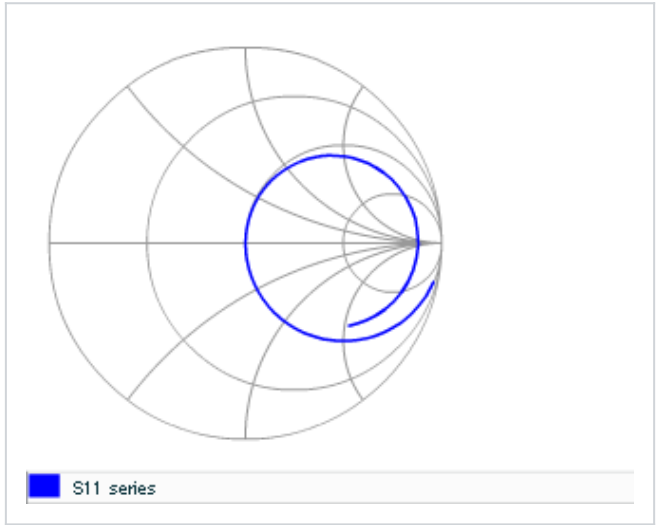
Attention

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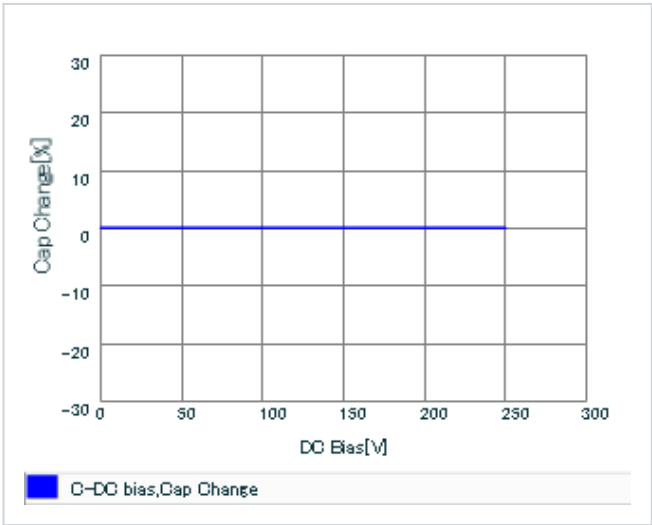
Frequency characteristics (ESR, Impedance)



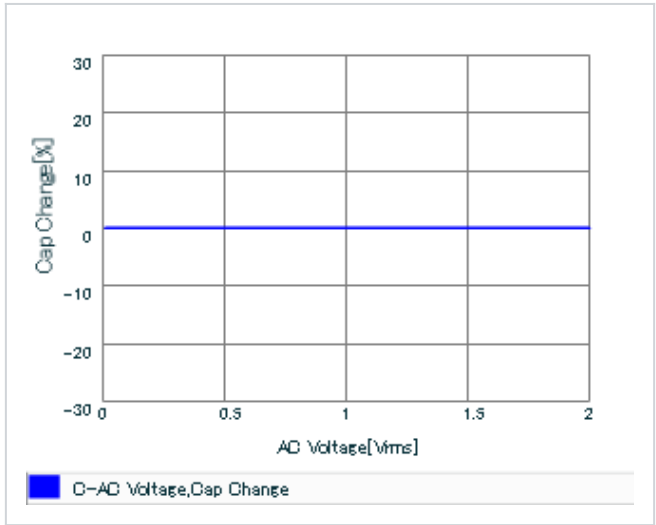
S parameter (Smith chart S11)



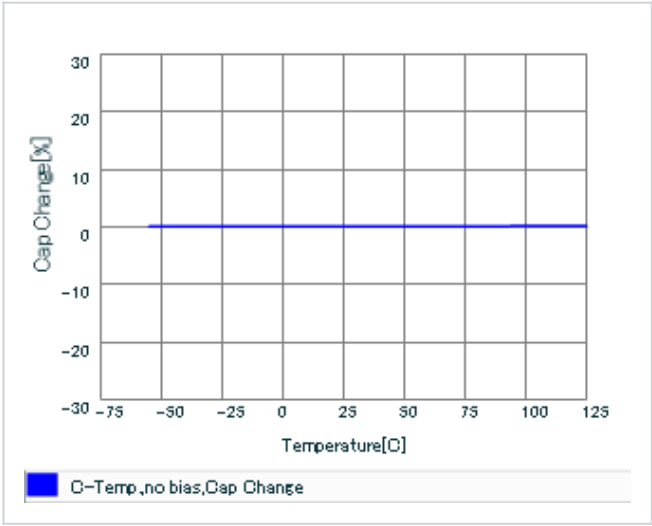
DC bias characteristics



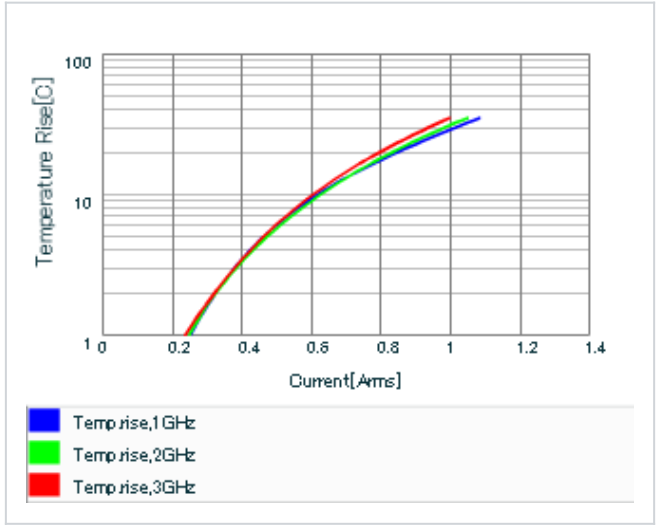
AC voltage characteristics



Capacitance - temperature characteristics



Calorific property by ripple current



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