

GQM2195C2A9R1DB01#

“ # ” indicates a package specification code.

Recommended

Available

General

125℃

High Q

Reflow OK


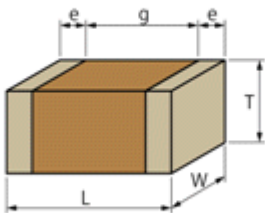
Flow OK

RoHS

REACH

< List of part numbers with package codes >  
GQM2195C2A9R1DB01D , GQM2195C2A9R1DB01J

Shape



|                                       |              |
|---------------------------------------|--------------|
| L size                                | 2.0 ± 0.1mm  |
| W size                                | 1.25 ± 0.1mm |
| T size                                | 0.85 ± 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     | 9.5mg |
| 180mm Reel  | 152g  |

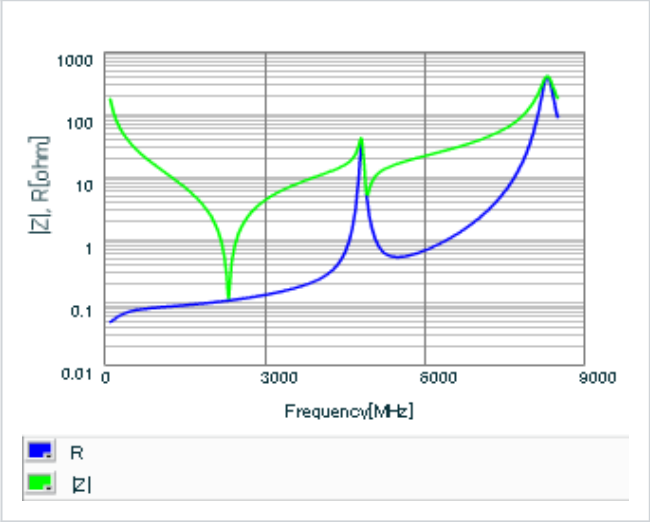
Specifications

|  |               |
|--|---------------|
| Capacitance                                      | 9.1pF ± 0.5pF |
| 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    |

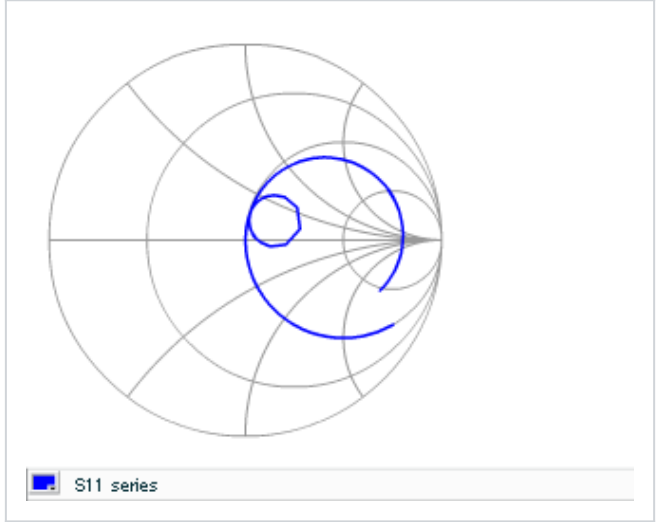
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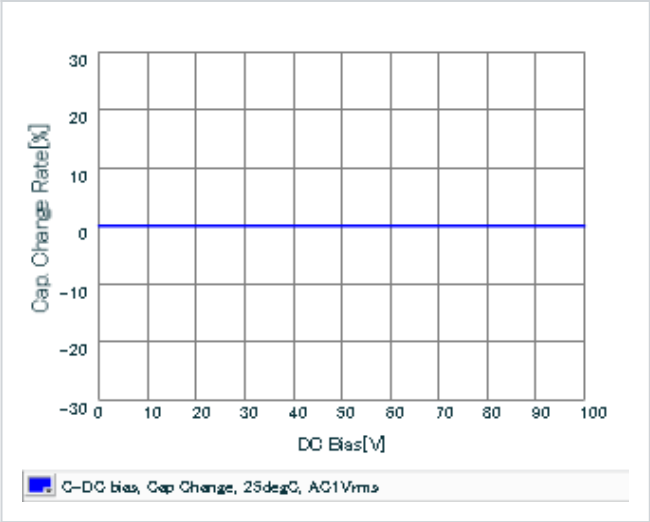
Frequency characteristics (ESR, Impedance)



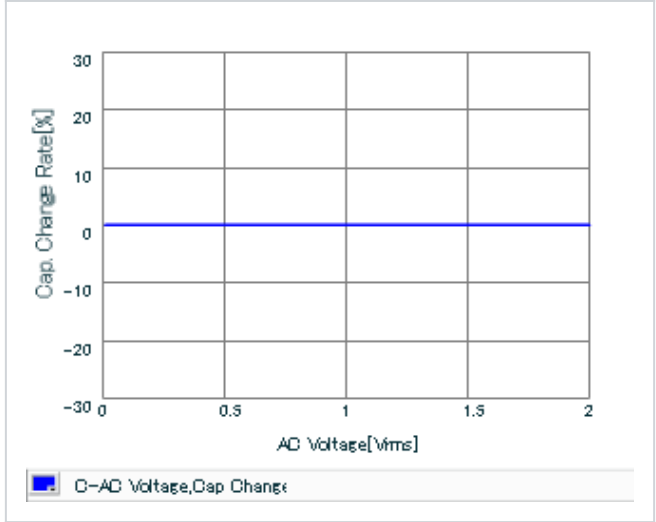
S parameter (Smith chart S11)



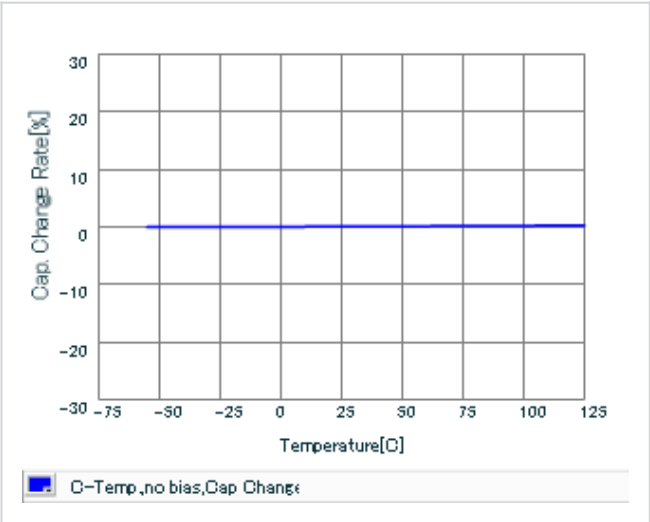
DC bias characteristics



AC voltage characteristics



Capacitance - temperature characteristics



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