

GQM1885C1H7R5DB01#

“ # ” indicates a package specification code.

Recommended

Available

General

125℃

High Q

Reflow OK

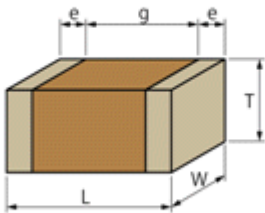
Flow OK

RoHS

REACH

< List of part numbers with package codes >  
GQM1885C1H7R5DB01D , GQM1885C1H7R5DB01J

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         | φ 180mm Paper taping | 4000             |
| J         | φ 330mm Paper taping | 10000            |

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

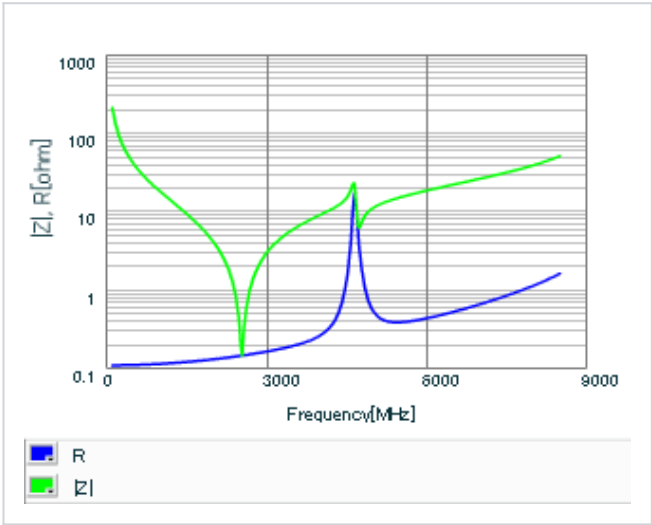
Specifications

|                                                  |              |
|--------------------------------------------------|--------------|
| Capacitance                                      | 7.5pF ±0.5pF |
| Rated voltage                                    | 50Vdc        |
| Temperature characteristics (complied standard)  | COG(EIA)     |
| Temperature coefficient                          | 0±30ppm/℃    |
| Temperature range of temperature characteristics | 25 to 125℃   |
| Operating temperature range                      | -55 to 125℃  |

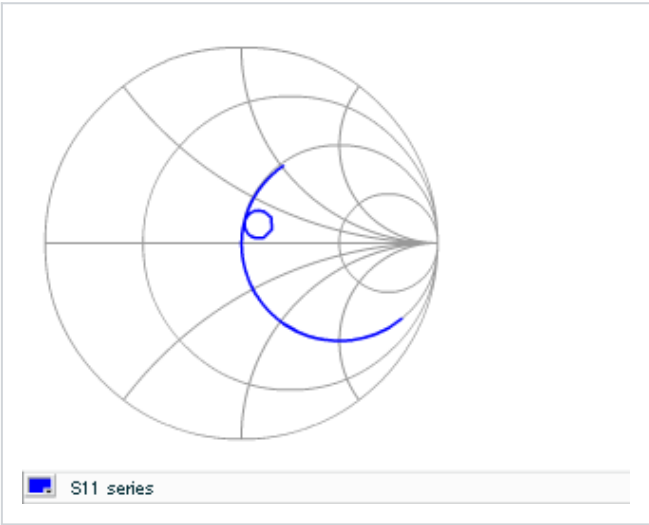
⚠ Attention

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Frequency characteristics (ESR, Impedance)



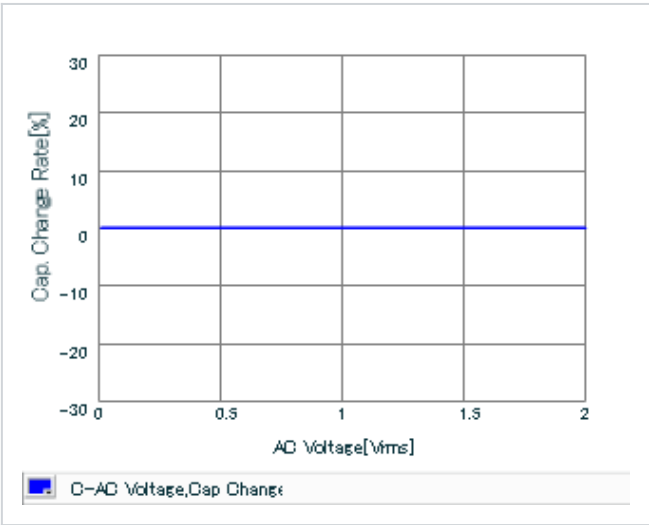
S parameter (Smith chart S11)



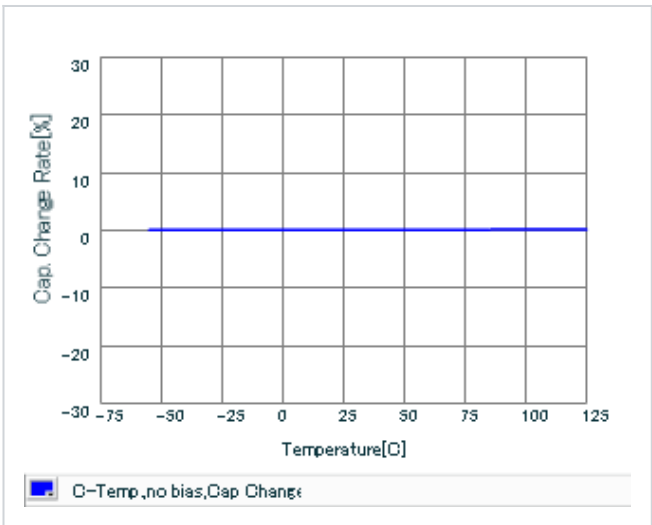
DC bias characteristics



AC voltage characteristics



Capacitance - temperature characteristics



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