

In Production

Power-train

AEC-Q200

125

°C max

Reflow

OK

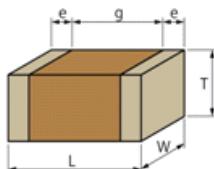
RoHS

REACH

&lt; List of part numbers with package codes &gt;

GCM1885C1H560JA16D , GCM1885C1H560JA16J

## 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 (1608M) |

## References

| Packaging | Specifications      | Minimum quantity |
|-----------|---------------------|------------------|
| D         | φ180mm Paper taping | 4000             |
| J         | φ330mm Paper taping | 10000            |

| Mass (typ.) |       |
|-------------|-------|
| 1 piece     | 6.3mg |
| φ180mm Reel | 144g  |

## Specifications

|  |              |
|--|--------------|
| Capacitance                                      | 56pF ±5%     |
| Rated voltage                                    | 50Vdc        |
| Temperature characteristics (complied standard)  | C0G(EIA)     |
| Temperature coefficient                          | 0±30ppm/°C   |
| Temperature range of temperature characteristics | 25 to 125°C  |
| Operating temperature range                      | -55 to 125°C |

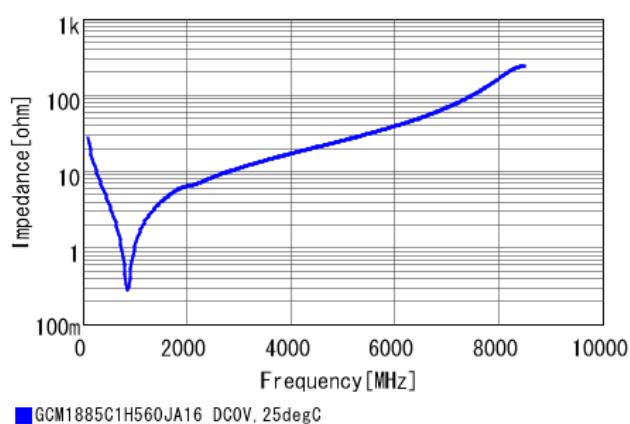
### Attention

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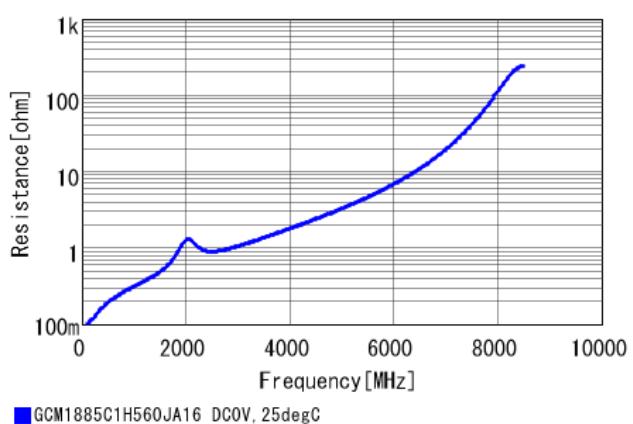
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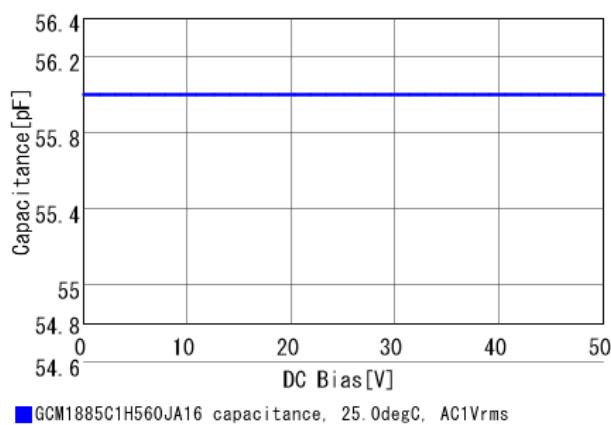
Frequency Characteristic |Z|



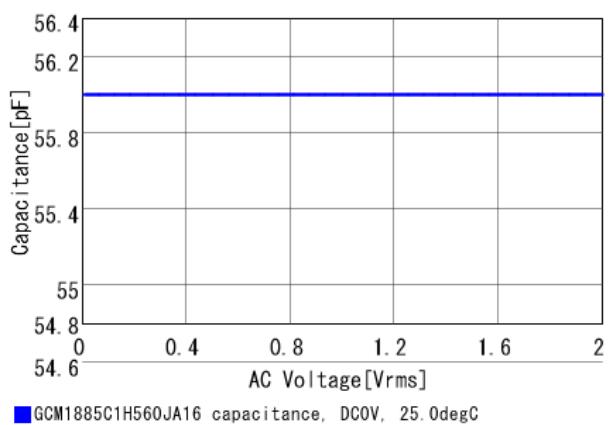
Frequency Characteristic R



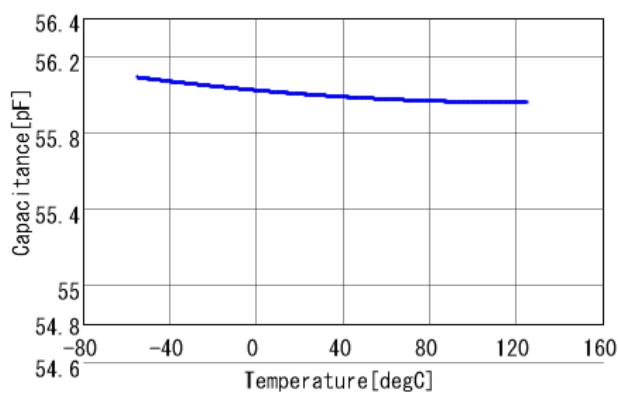
DC bias characteristics



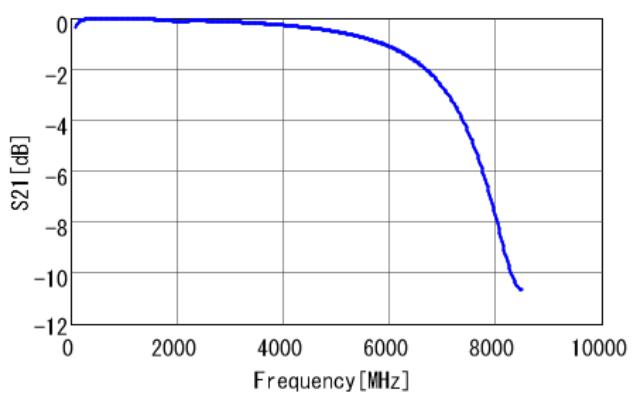
AC Voltage Characteristics



Temperature Characteristics



S Parameter S21



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