

# GCM1887U1H682JA16#

“#” indicates a package specification code.



## < List of part numbers with package codes >

GCM1887U1H682JA16D      GCM1887U1H682JA16J

## Appearance & Shape



## References

| Packaging | Specifications   | Standard Packing Quantity |
|-----------|------------------|---------------------------|
| D         | 180mm Paper Tape | 4000                      |
| J         | 330mm Paper Tape | 10000                     |

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

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## Specifications

|  |                |
|--|----------------|
| Length   | 1.6±0.1mm      |
| Width  | 0.8±0.1mm      |
| Thickness  | 0.8±0.1mm      |
| Capacitance                                      | 6800pF ±5%     |
| Distance between external terminals g            | 0.5mm min.     |
| External terminal size e                         | 0.2 to 0.5mm   |
| Operating Temperature Range                      | -55°C to 125°C |
| Rated Voltage                                    | 50Vdc          |
| Size code in inch(mm)                            | 0603 (1608M)   |
| TC   | -750±120ppm/°C |
| Temperature characteristics (complied standard)  | U2J(EIA)       |
| Temperature range of temperature characteristics | 25°C to 85°C   |

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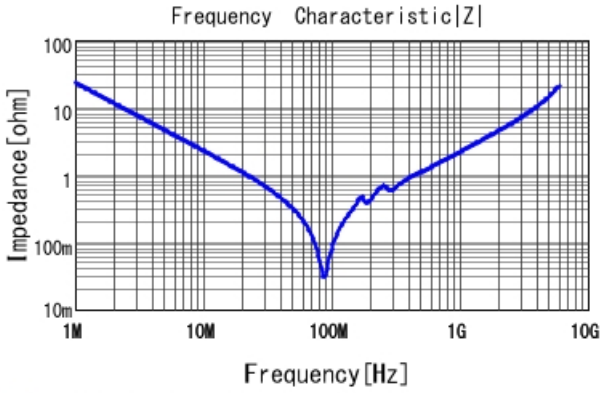
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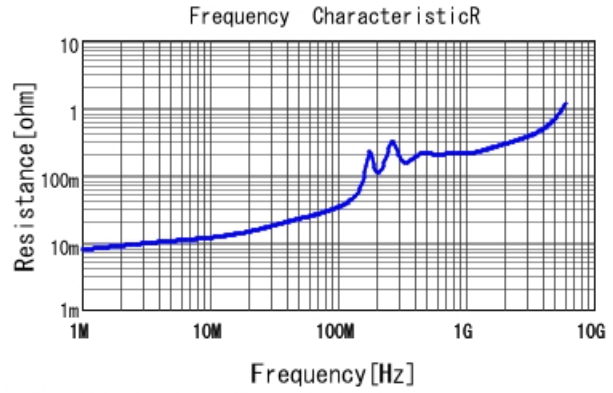


## Characteristic Data

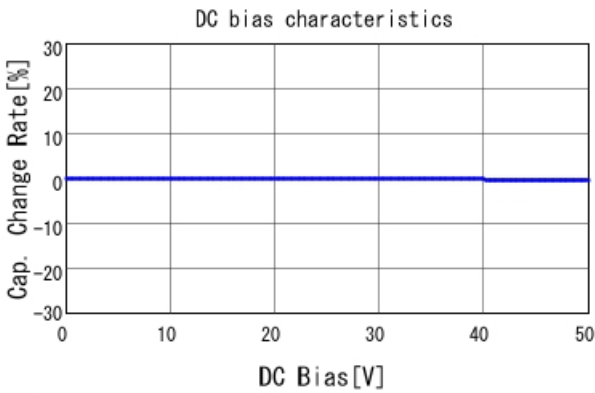
The charts below may show another part number which shares its characteristics.



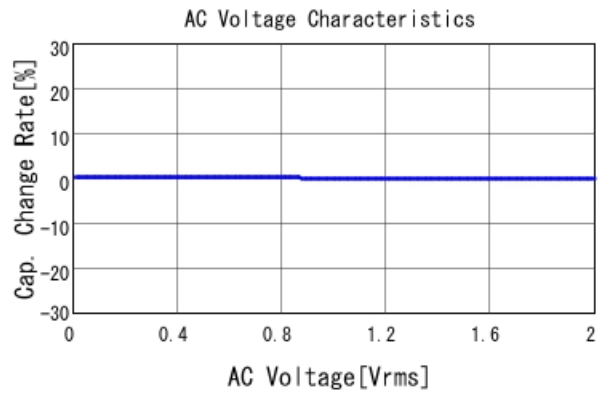
■ GCM1887U1H682JA16 |Z| DCOV, 25degC



■ GCM1887U1H682JA16 R DCOV, 25degC



■ GCM1887U1H682JA16 C-DC bias capchange, 25.0degC, AC1V



■ GCM1887U1H682JA16 C-AC Voltage capchange, DCOV, 25.0d

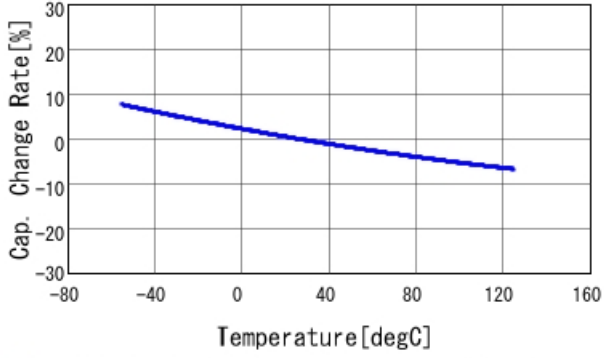
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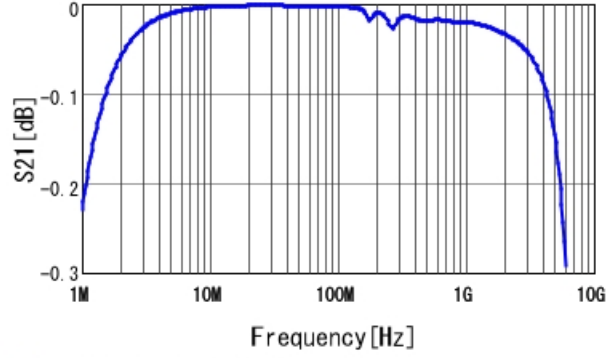
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Temperature Characteristics



■ GCM1887U1H682JA16 C-Temp. capchange, DCOV, AC1Vrms

S Parameter S21



■ GCM1887U1H682JA16 S21 DCOV, 25degC

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