

CGA9N1C0G2J683J230KC

TDK Item Description : CGA9N1C0G2J683JT***



Equivalent C5750C0G2J683J for Automotive

Application & Main Feature

Automotive Grade (Mid Voltage (100 to 630V))

Series

CGA9(5750) [EIA 2220]



Dimensions

| | |
|---|----------------|
| L | 5.70mm ±0.40mm |
| W | 5.00mm ±0.40mm |
| T | 2.30mm ±0.20mm |
| B | 0.20mm Min. |
| G | |

Temperature Characteristic

C0G (-55 to 125 degC 0+/-30ppm/degC)

Rated Voltage

2J(630Vdc)

Capacitance

68nF

Capacitance Tolerance

J (±5%)

Q Factor

1000 Min.

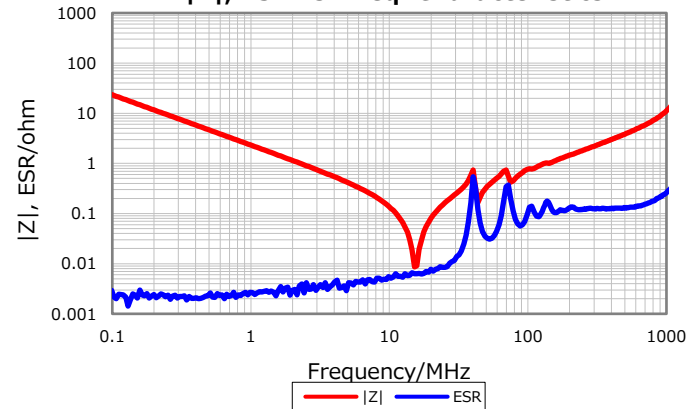
Insulation Resistance

7.352Gohm Min

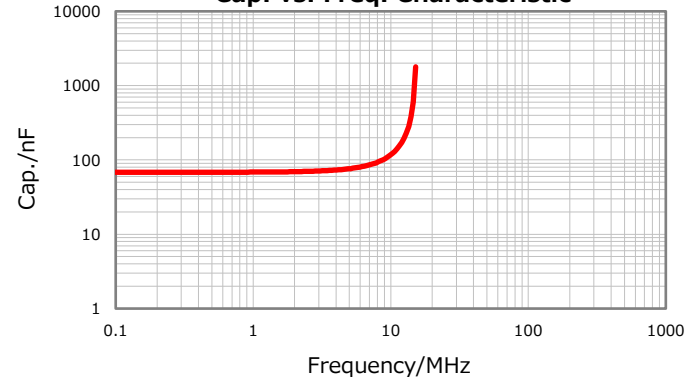
AEC-Q200

Yes

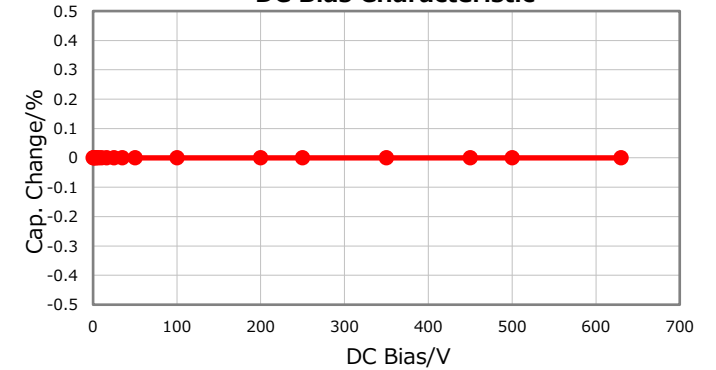
|Z|, ESR vs. Freq. Characteristics



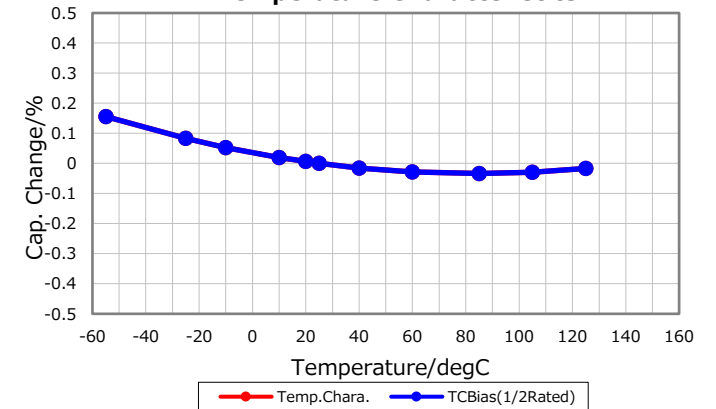
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

