

CGA4J3C0G2E182J125AA

TDK Item Description : CGA4J3C0G2E182JT***



Equivalent C2012C0G2E182J for Automotive

Application & Main Feature

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

Series

CGA4(2012) [EIA CC0805]



Dimensions

- L 2.00mm +/-0.2mm
- W 1.25mm +/-0.2mm
- T 1.25mm +/-0.2mm
- B 0.20mm Min.
- G 0.50mm Min.

Temperature Characteristic

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

Rated Voltage

2E (250Vdc)

Capacitance

1.8nF

Capacitance Tolerance

J (+/-5%)

Q Factor

1000 Min.

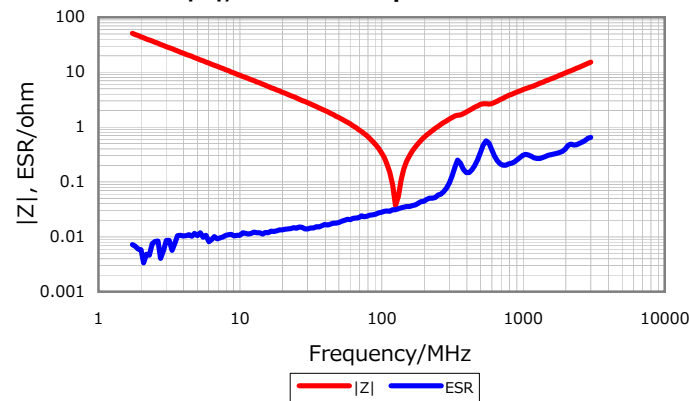
Insulation Resistance

10Gohm Min.

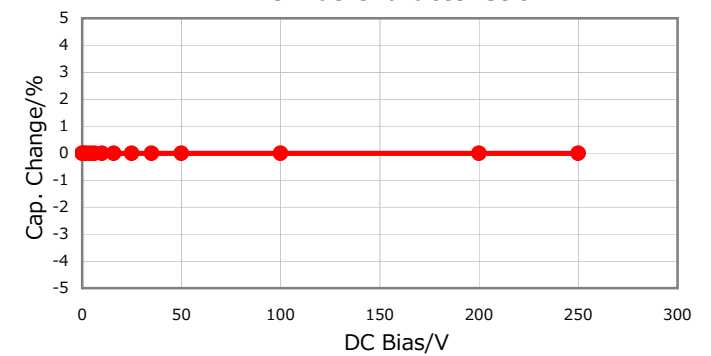
AEC-Q200

Yes

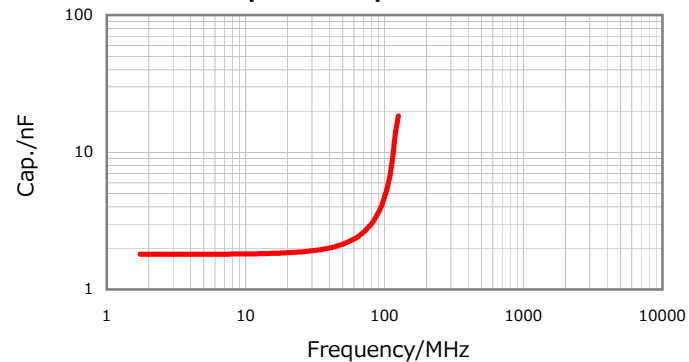
|Z|, ESR vs. Freq. Characteristics



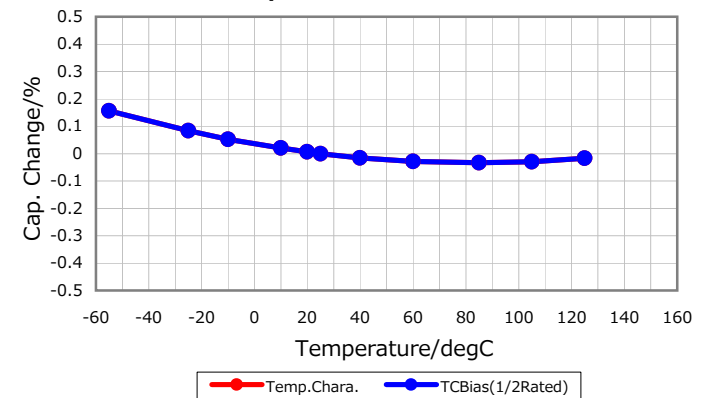
DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 4, 2016