

CGA3E2C0G2A6R8D080AD

TDK Item Description : CGA3E2C0G2A6R8DT***B



Equivalent C1608C0G2A6R8D for Automotive

Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

Series

CGA3(1608) [EIA CC0603]



Dimensions

L 1.60mm +/-0.15mm
 W 0.80mm +/-0.15mm
 T 0.80mm +/-0.15mm
 B 0.20mm Min.
 G 0.30mm Min.

Temperature Characteristic

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

Rated Voltage

2A (100Vdc)

Capacitance

6.8pF

Capacitance Tolerance

D (+/-0.5pF)

Q Factor

536 Min.

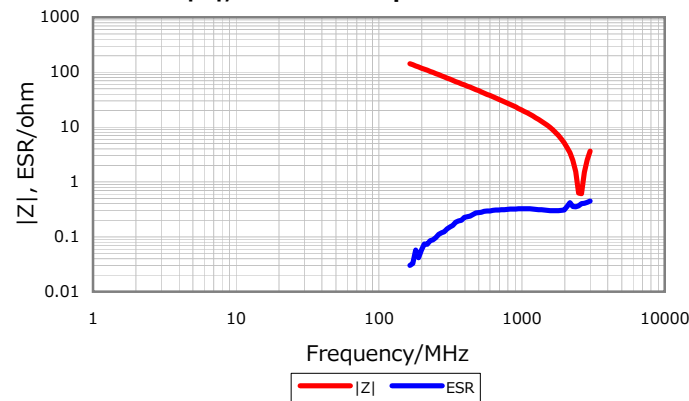
Insulation Resistance

10Gohm Min.

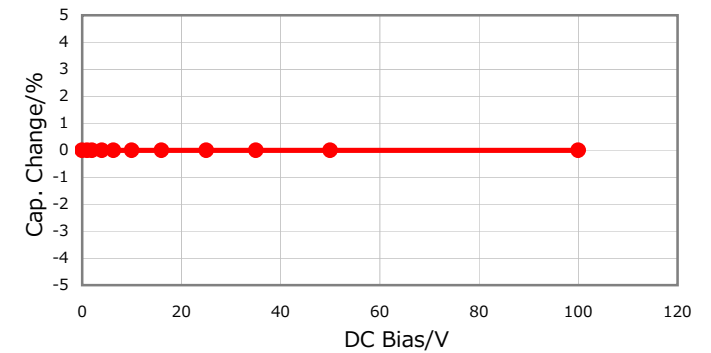
AEC-Q200

Yes

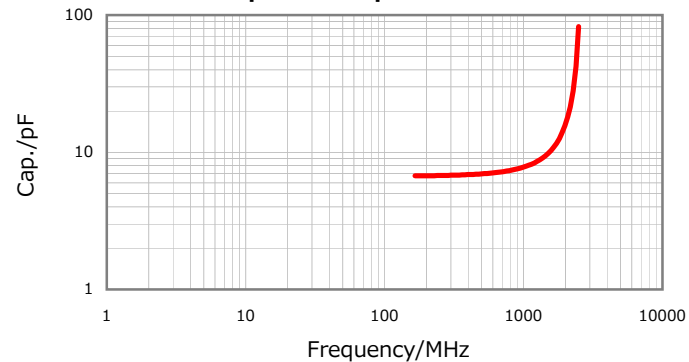
|Z|, ESR vs. Freq. Characteristics



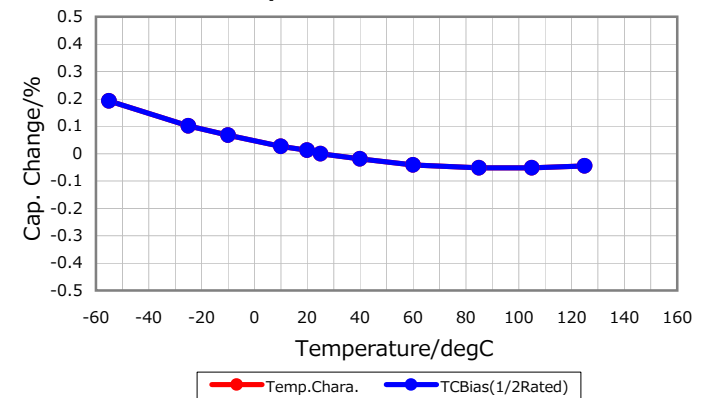
DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 4, 2016