

CGA3EANP02A102J080AA

TDK Item Description : CGA3EANP02A102JT***



Application & Main Feature

Automotive Grade (ESD Protection)

Series

CGA3EA(1608) [EIA CC0603]



Dimensions

L 1.60mm +/-0.1mm
 W 0.80mm +/-0.1mm
 T 0.80mm +/-0.1mm
 B 0.20mm Min.
 G 0.30mm Min.

Temperature Characteristic

NPO (-55 to 150 degC 0+/-30ppm/degC)

Rated Voltage

2A (100Vdc)

Capacitance

1nF

Capacitance Tolerance

J (+/-5%)

Q Factor

1000 Min.

Insulation Resistance

10Gohm Min.

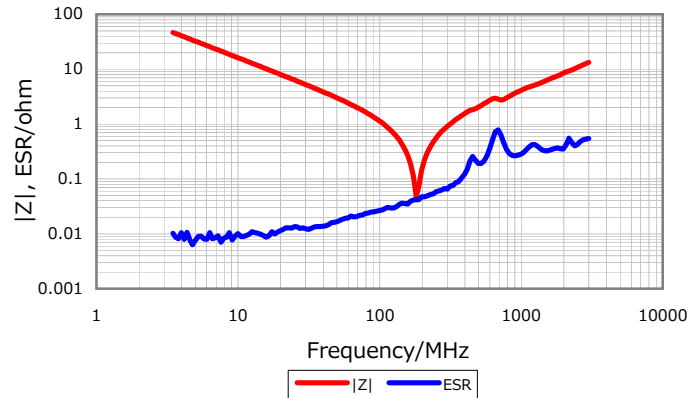
ESD Immunity

8kV

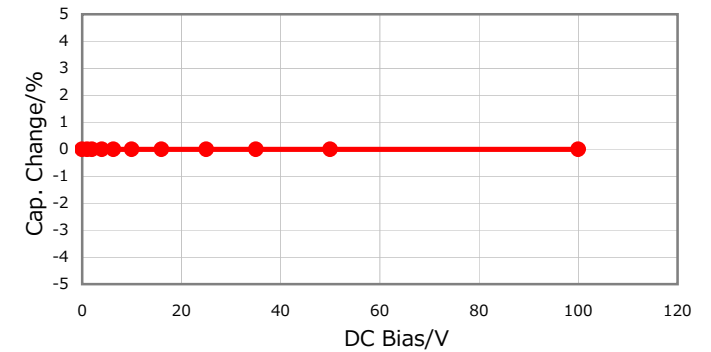
AEC-Q200

Yes

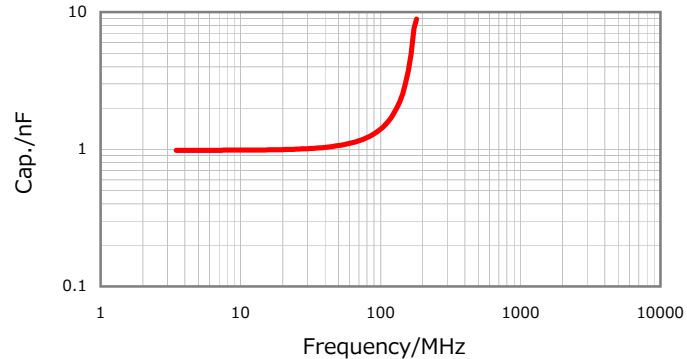
|Z|, ESR vs. Freq. Characteristics



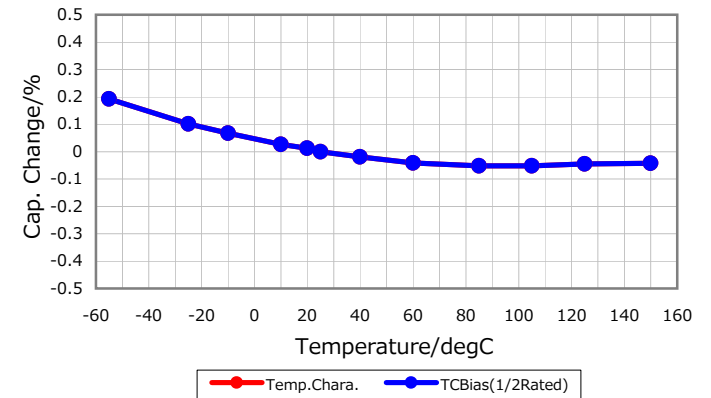
DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 4, 2016