

CGA5L1C0G2A683J160AE

TDK Item Description : CGA5L1C0G2A683JT***S



Equivalent C3216C0G2A683J for Automotive

Application & Main Feature

Automotive Grade (Soft Termination)

Series

CGA5(3216) CC1206]



Dimensions

L	3.20mm +0.4,-0.2mm
W	1.60mm +0.3,-0.2mm
T	1.60mm +0.3,-0.2mm
B	0.20mm Min.
G	1.00mm Min.

Temperature Characteristic

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

Rated Voltage

2A (100Vdc)

Capacitance

68nF

Capacitance Tolerance

J (+/-5%)

Q Factor

1000 Min.

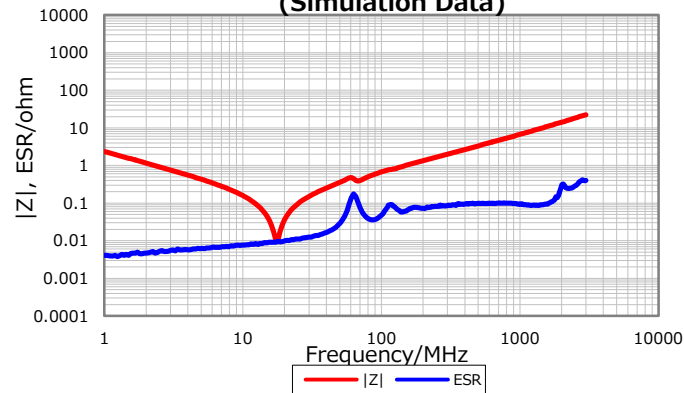
Insulation Resistance

7.352Gohm Min

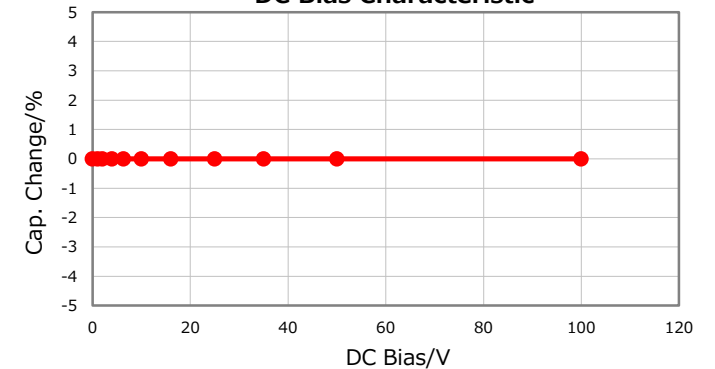
AEC-Q200

Yes

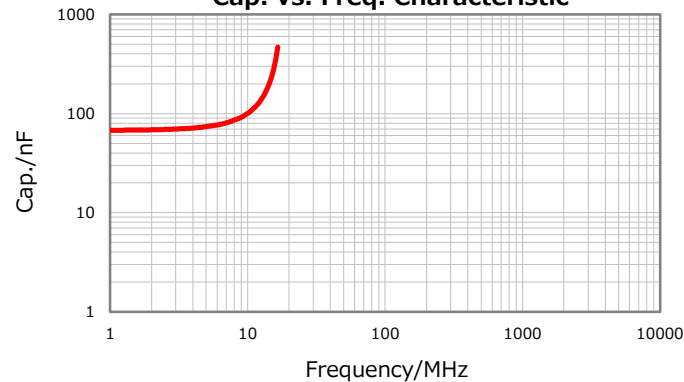
**|Z|, ESR vs. Freq. Characteristics
(Simulation Data)**



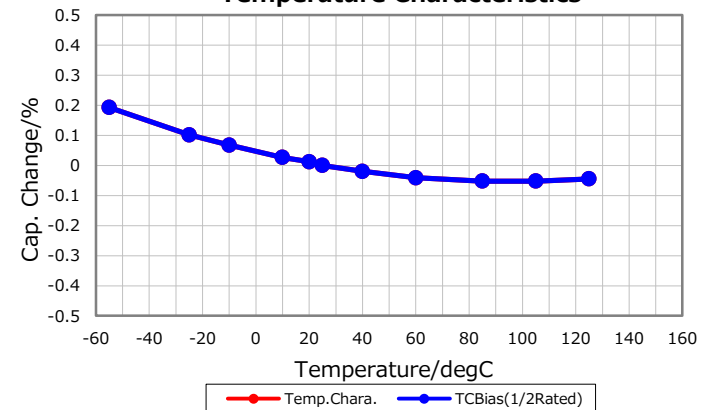
DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

May 12, 2017