

CGA5L2C0G1H683J160AD

TDK Item Description : CGA5L2C0G1H683JT**B



Equivalent C3216C0G1H683J for Automotive

Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

Series

CGA5(3216) [EIA 1206]



Dimensions

L	3.20mm +0.3,-0.1mm
W	1.60mm +0.3,-0.1mm
T	1.60mm +0.3,-0.1mm
B	0.20mm Min.
G	1.00mm Min.

Temperature Characteristic

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

Rated Voltage

1H(50Vdc)

Capacitance

68nF

Capacitance Tolerance

J (±5%)

Q Factor

1000 Min.

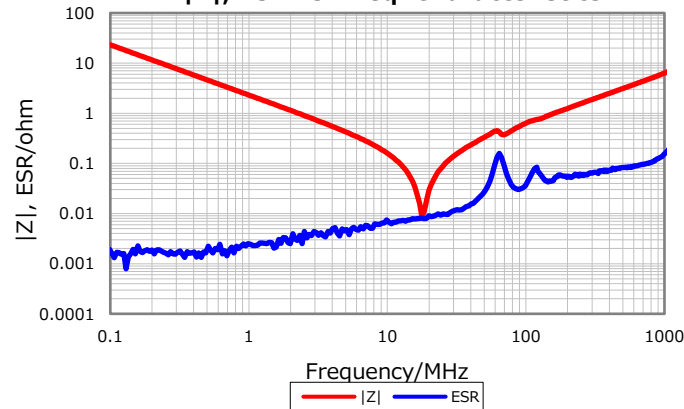
Insulation Resistance

7.352Gohm Min

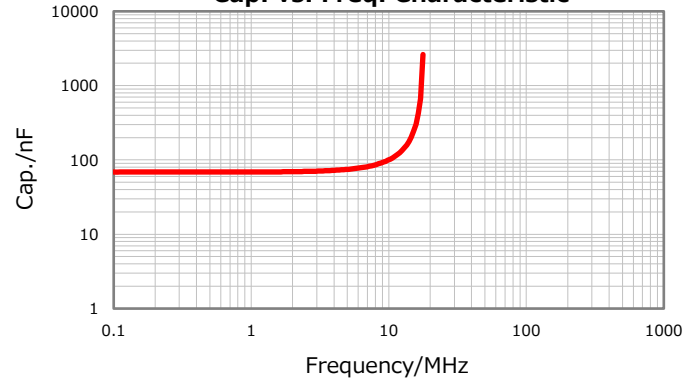
AEC-Q200

Yes

|Z|, ESR vs. Freq. Characteristics



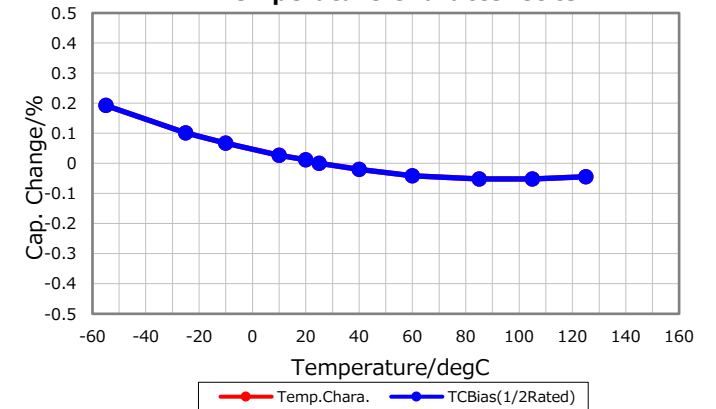
Cap. vs. Freq. Characteristic



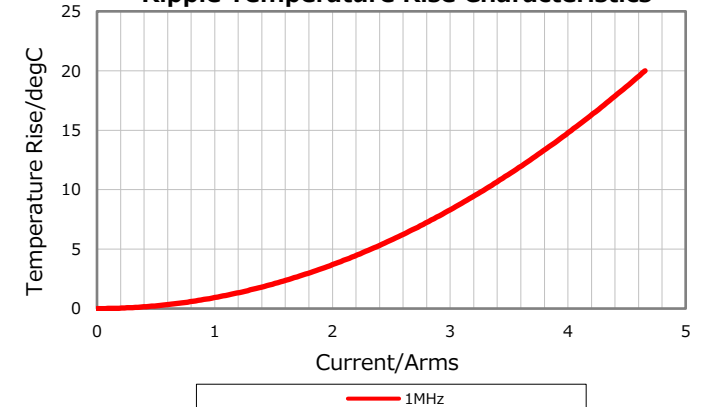
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

May 22, 2019