

CGA5H3C0G2E103J115AA

TDK Item Description : CGA5H3C0G2E103JT****



Equivalent C3216C0G2E103J for Automotive

Application & Main Feature

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

Series

CGA5(3216) [EIA 1206]



Dimensions

L	3.20mm ±0.20mm
W	1.60mm ±0.20mm
T	1.15mm ±0.15mm
B	0.20mm Min.
G	1.00mm Min.

Temperature Characteristic

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

Rated Voltage

2E(250Vdc)

Capacitance

10nF

Capacitance Tolerance

J (±5%)

Q Factor

1000 Min.

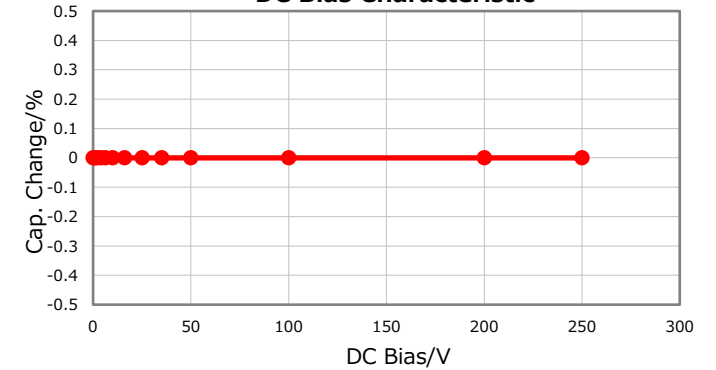
Insulation Resistance

10Gohm Min

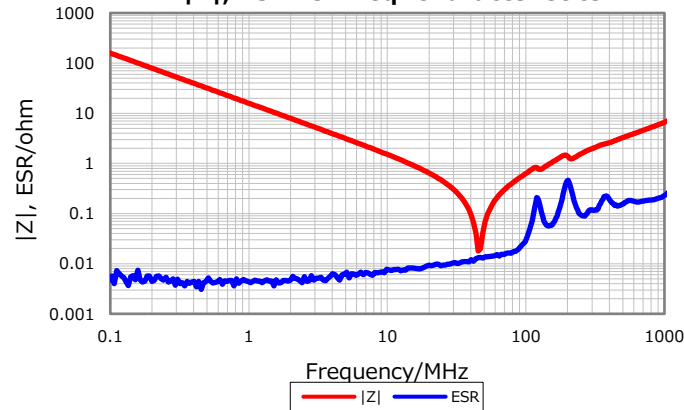
AEC-Q200

Yes

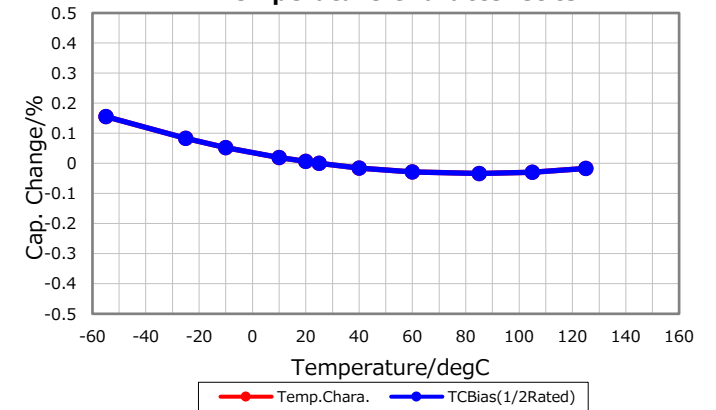
DC Bias Characteristic



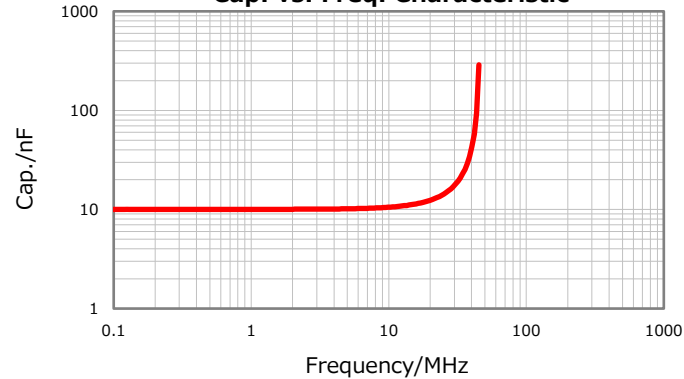
|Z|, ESR vs. Freq. Characteristics



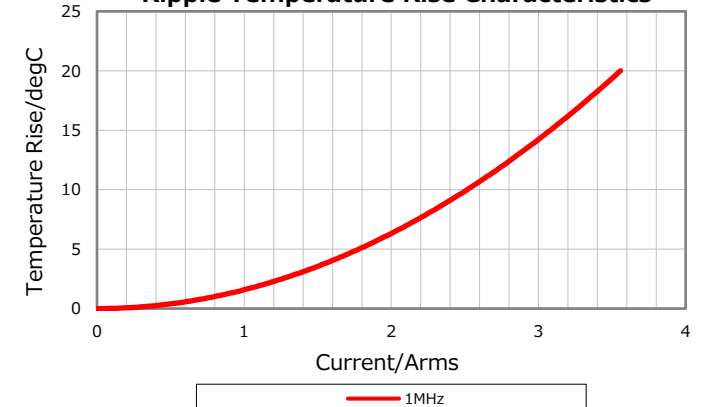
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

July 2, 2019