

CGA5H2C0G1H473J115AE

TDK Item Description : CGA5H2C0G1H473JT***S



Equivalent C3216C0G1H473J for Automotive

Application & Main Feature

Automotive Grade (Soft Termination)

Series

CGA5(3216) [EIA 1206]



Dimensions

L	3.20mm +0.4,-0.2mm
W	1.60mm +0.3,-0.2mm
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

1H(50Vdc)

Capacitance

47nF

Capacitance Tolerance

J (±5%)

Q Factor

1000 Min.

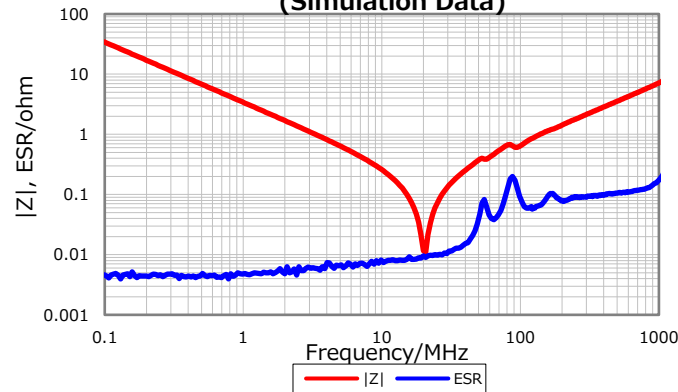
Insulation Resistance

10Gohm Min

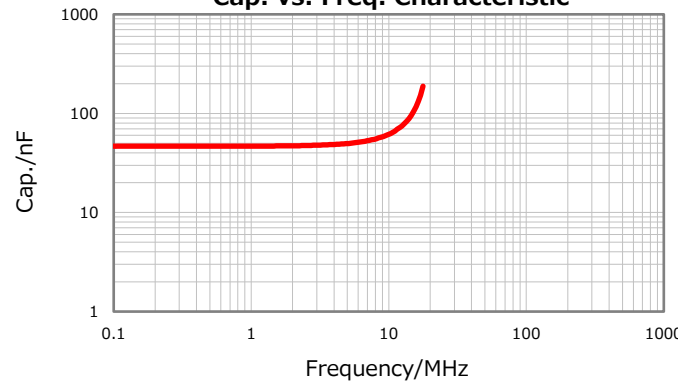
AEC-Q200

Yes

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



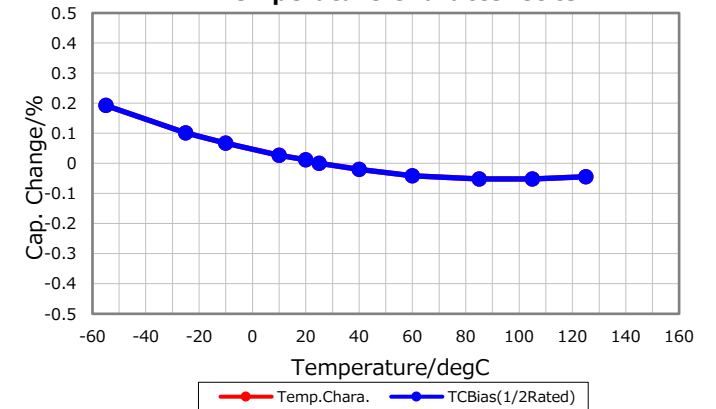
Cap. vs. Freq. Characteristic



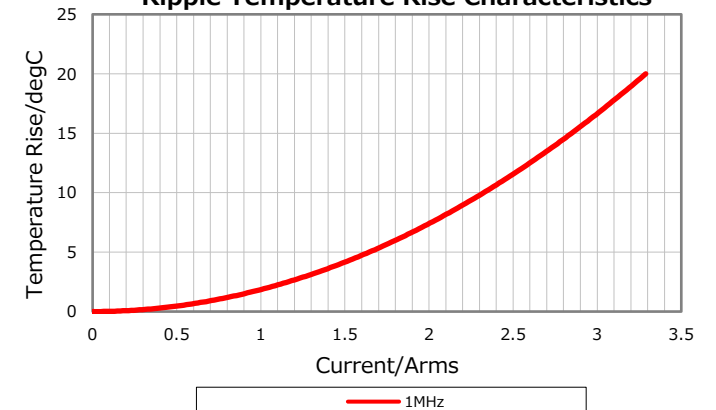
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

June 24, 2019