

CGA3EANP02A472J080AC

TDK Item Description : CGA3EANP02A472JT***



Equivalent C1608NP02A472J for Automotive

Application & Main Feature

Automotive Grade (ESD Protection)

Series

CGA3EA(1608) [EIA 0603]



Dimensions

L	1.60mm ±0.10mm
W	0.80mm ±0.10mm
T	0.80mm ±0.10mm
B	0.20mm Min.
G	0.30mm Min.

Temperature Characteristic

NP0 (-55 to 150 degC 0+/-30ppm/degC)

Rated Voltage

2A(100Vdc)

Capacitance

4.7nF

Capacitance Tolerance

J (±5%)

Q Factor

1000 Min.

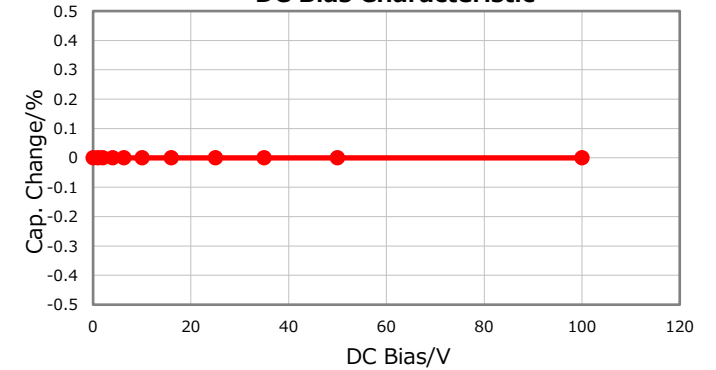
Insulation Resistance

10Gohm Min

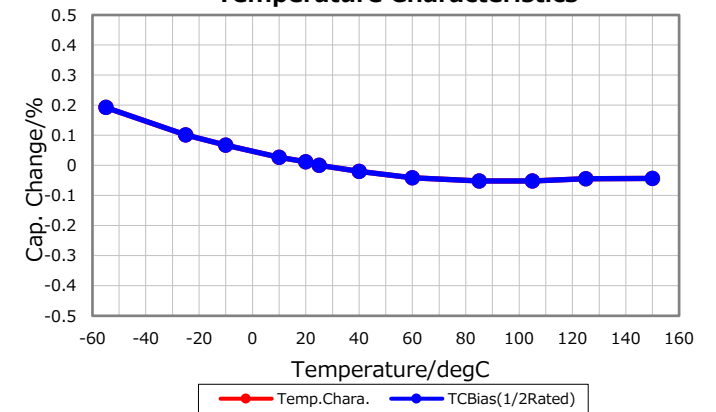
AEC-Q200

Yes

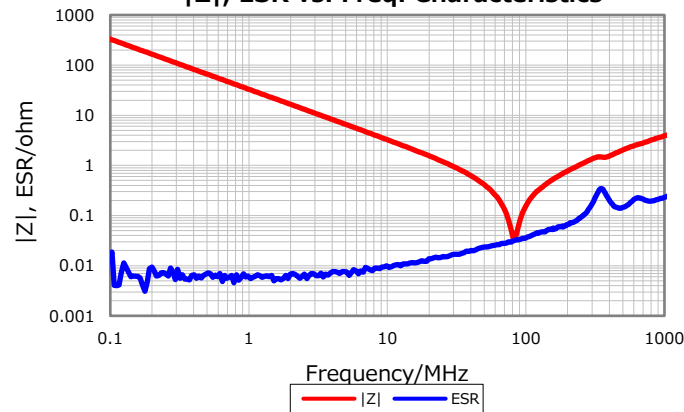
DC Bias Characteristic



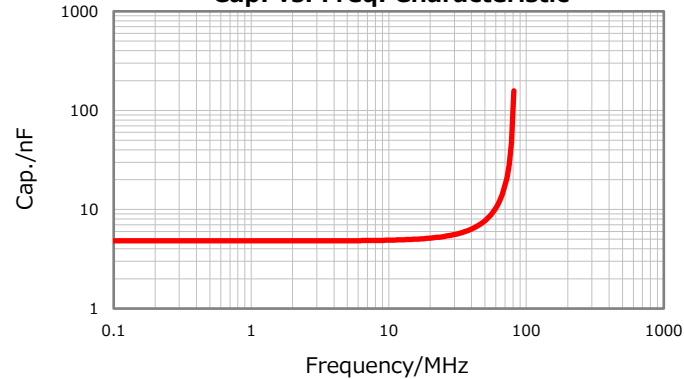
Temperature Characteristics



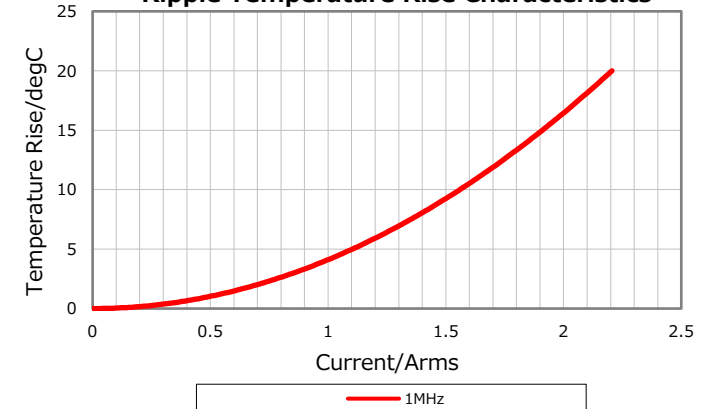
|Z|, ESR vs. Freq. Characteristics



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