

CGA4C4C0G2W681J060AA

TDK Item Description : CGA4C4C0G2W681JT****



Equivalent C2012C0G2W681J for Automotive

Application & Main Feature

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

Series

CGA4(2012) [EIA 0805]



Dimensions

L	2.00mm ±0.20mm
W	1.25mm ±0.20mm
T	0.60mm ±0.15mm
B	0.20mm Min.
G	0.50mm Min.

Temperature Characteristic

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

Rated Voltage

2W(450Vdc)

Capacitance

680pF

Capacitance Tolerance

J (±5%)

Q Factor

1000 Min.

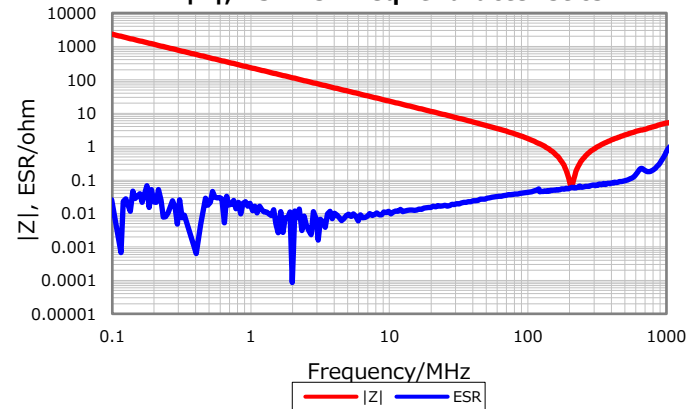
Insulation Resistance

10Gohm Min

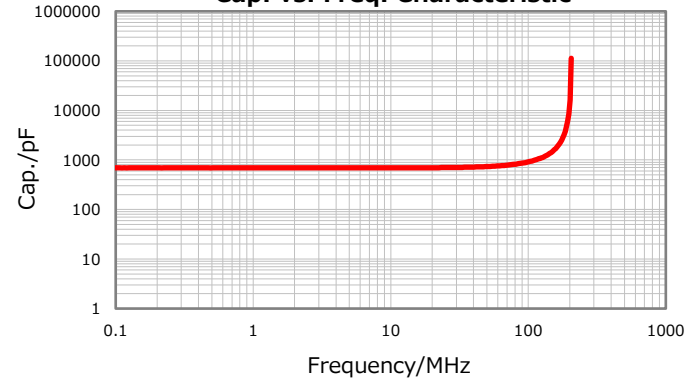
AEC-Q200

Yes

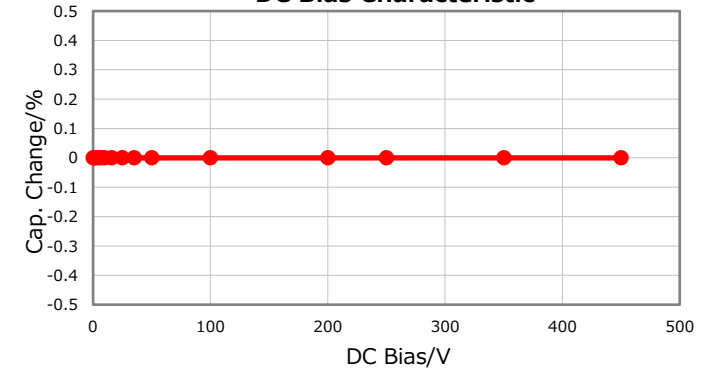
|Z|, ESR vs. Freq. Characteristics



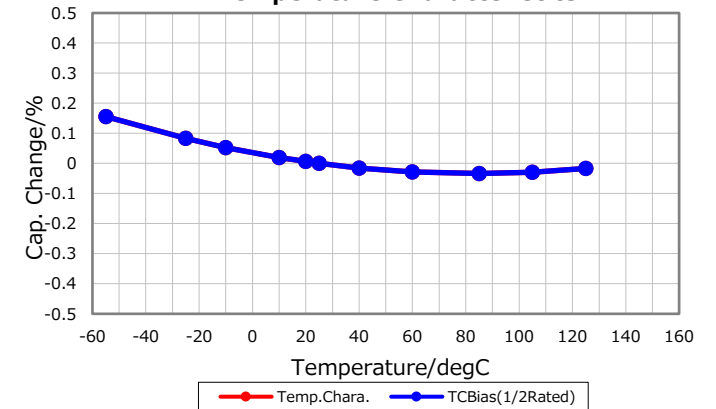
Cap. vs. Freq. Characteristic



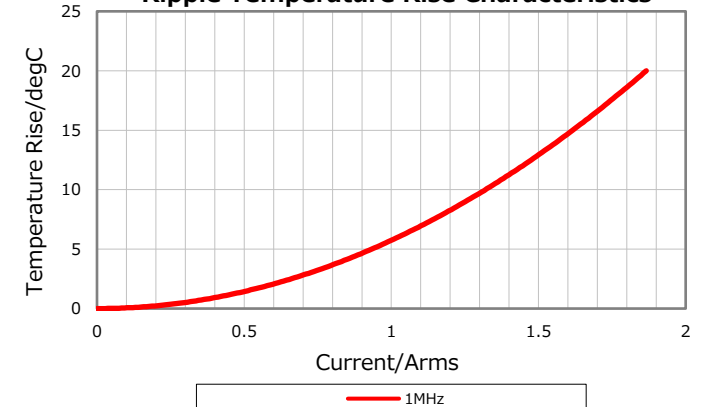
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

July 2, 2019