

CGA4C2C0G1H272J060AD

TDK Item Description : CGA4C2C0G1H272JT***B



Equivalent C2012C0G1H272J for Automotive

Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

Series

CGA4(2012) [EIA 0805]

Dimensions

L	2.00mm ±0.25mm
W	1.25mm ±0.25mm
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

1H(50Vdc)

Capacitance

2.7nF

Capacitance Tolerance

J (±5%)

Q Factor

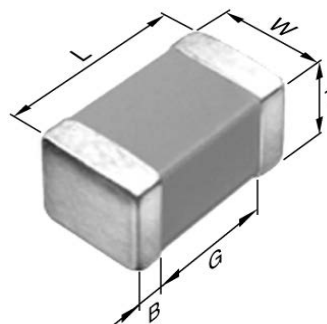
1000 Min.

Insulation Resistance

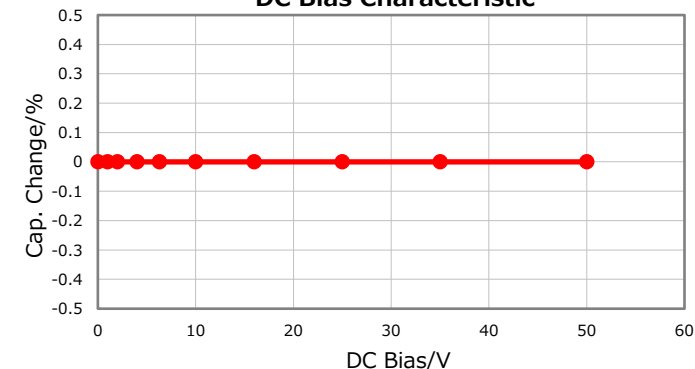
10Gohm Min

AEC-Q200

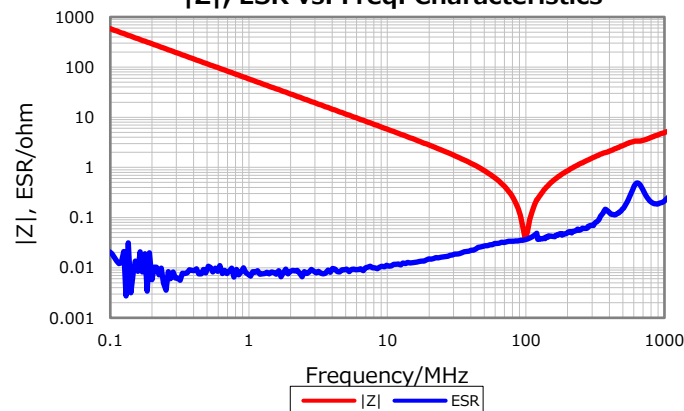
Yes



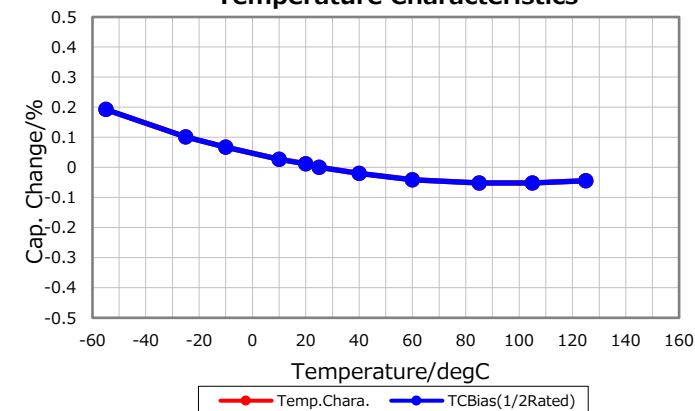
DC Bias Characteristic



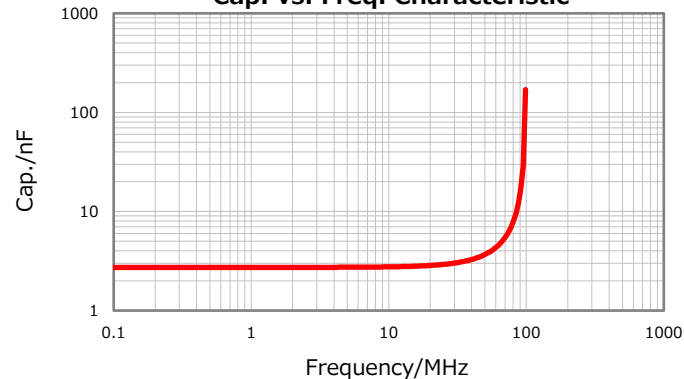
|Z|, ESR vs. Freq. Characteristics



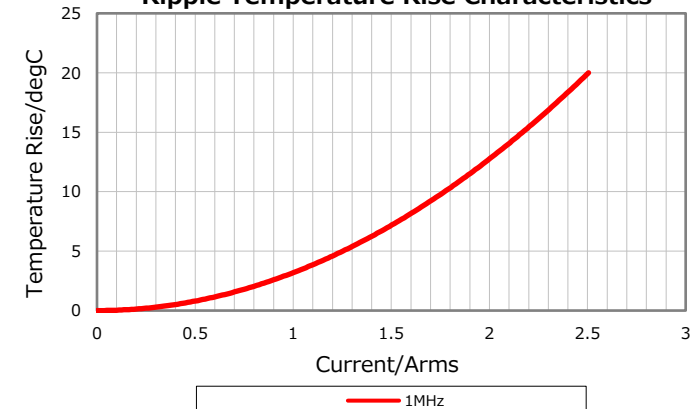
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

May 22, 2019