

CGA2B2C0G1H102J050BD

TDK Item Description : CGA2B2C0G1H102JT***B



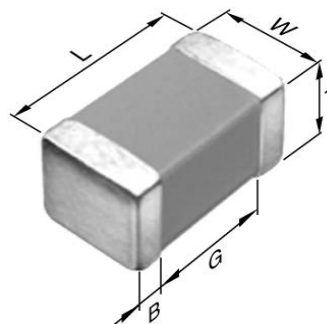
Equivalent C1005C0G1H102J for Automotive

Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

Series

CGA2(1005) [EIA 0402]



Dimensions

L	1.00mm ±0.15mm
W	0.50mm ±0.10mm
T	0.50mm ±0.10mm
B	0.10mm Min.
G	0.30mm Min.

Temperature Characteristic

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

Rated Voltage

1H(50Vdc)

Capacitance

1nF

Capacitance Tolerance

J (±5%)

Q Factor

1000 Min.

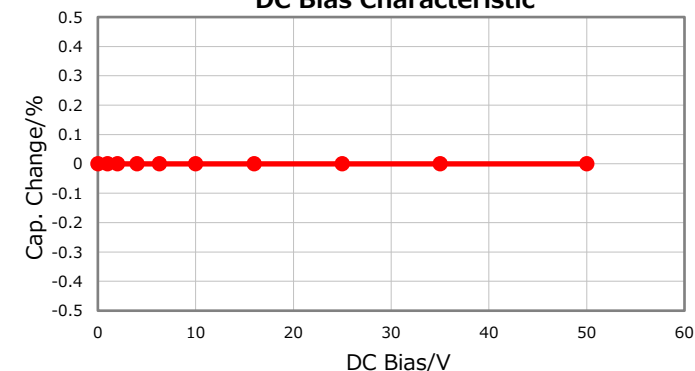
Insulation Resistance

10Gohm Min

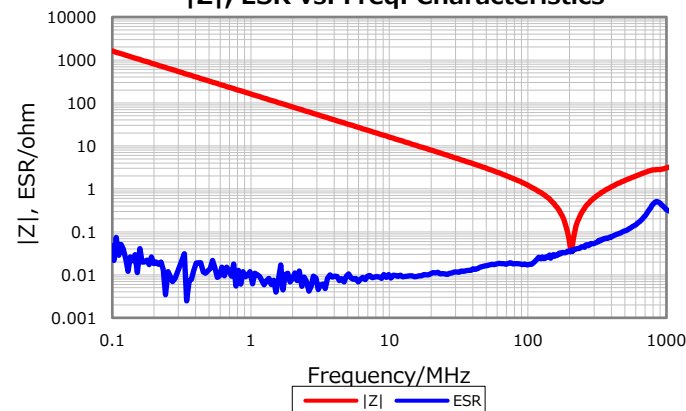
AEC-Q200

Yes

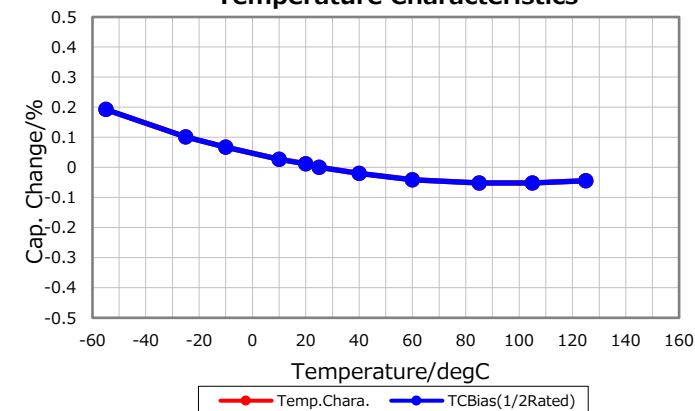
DC Bias Characteristic



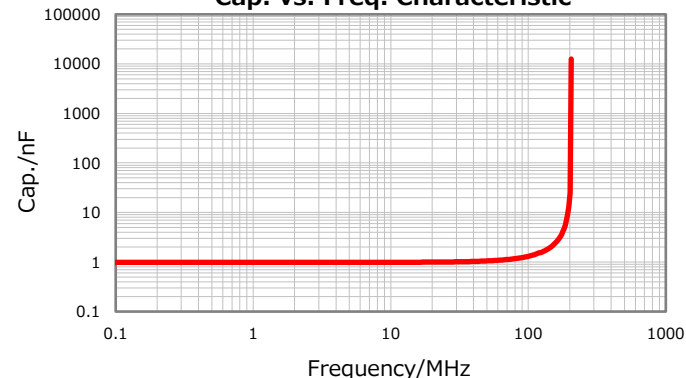
|Z|, ESR vs. Freq. Characteristics



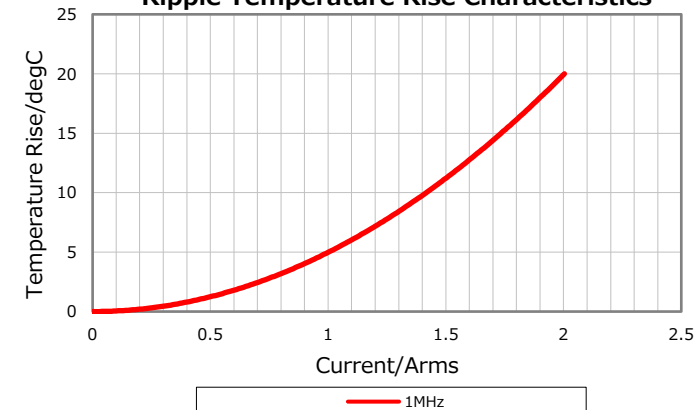
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

May 22, 2019