

CGA2B1X7S1C474M050BC

TDK Item Description : CGA2B1X7S1C474MT****



Application & Main Feature

Automotive Grade (General (Up to 50V))

Series

CGA2(1005) [EIA 0402]

Dimensions

L	1.00mm +/-0.05mm
W	0.50mm +/-0.05mm
T	0.50mm +/-0.05mm
B	0.10mm Min.
G	0.30mm Min.

Temperature Characteristic

X7S (-55 to 125 degC +/-22%)

Rated Voltage

1C (16Vdc)

Capacitance

440nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

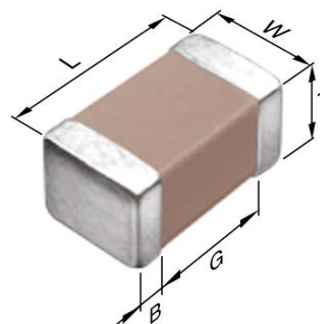
7.5% Max.

Insulation Resistance

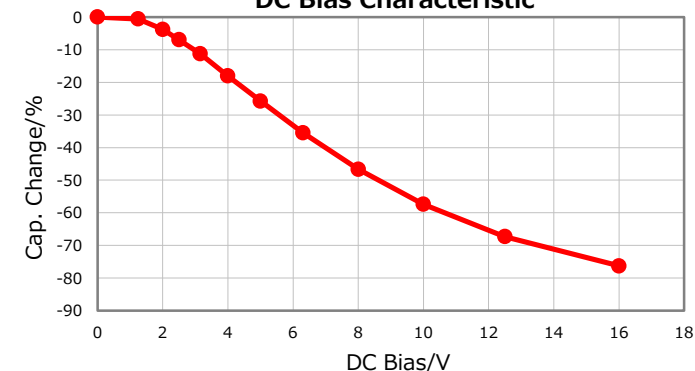
212Mohm Min.

AEC-Q200

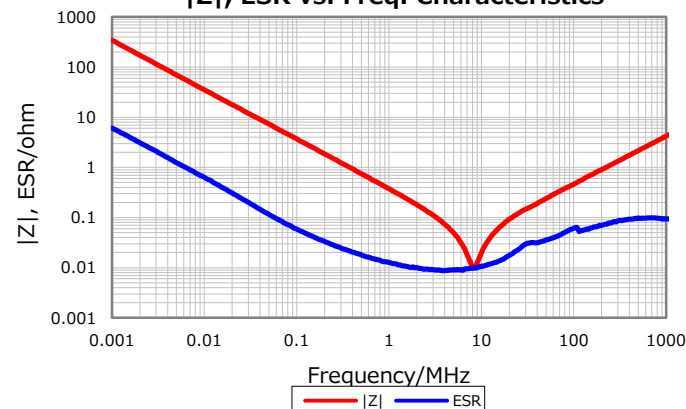
Yes



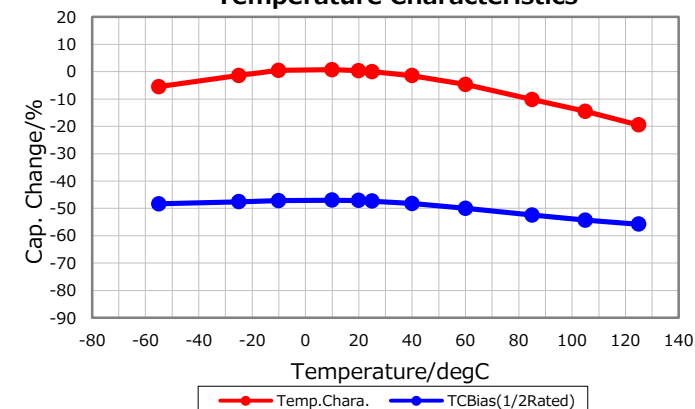
DC Bias Characteristic



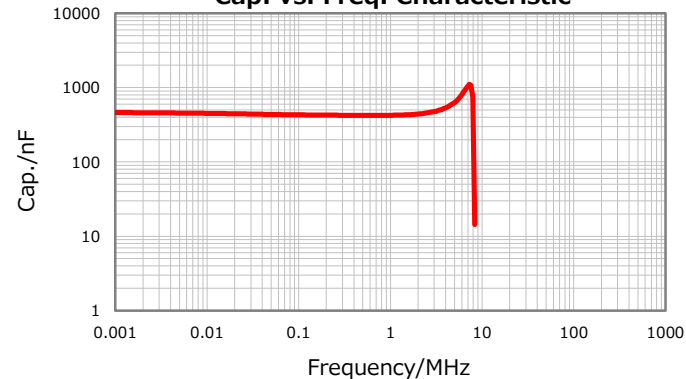
|Z|, ESR vs. Freq. Characteristics



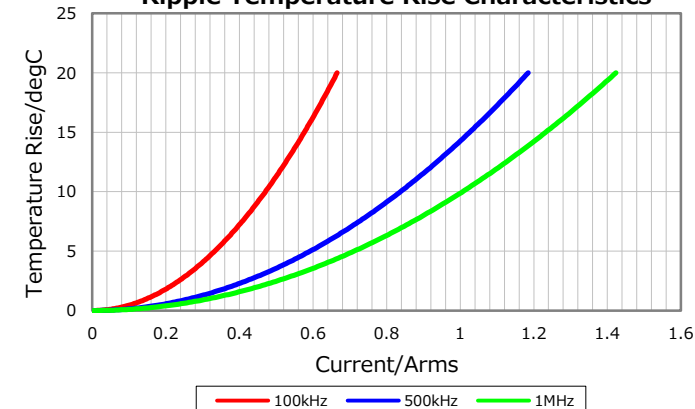
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

July 6, 2016