

CGA3E3X8R1C474K080AD

TDK Item Description : CGA3E3X8R1C474KT***B



Equivalent C1608X8R1C474K for Automotive

Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

Series

CGA3(1608) [EIA 0603]

Dimensions

L	1.60mm +/-0.15mm
W	0.80mm +/-0.15mm
T	0.80mm +/-0.15mm
B	0.20mm Min.
G	0.30mm Min.

Temperature Characteristic

X8R (-55 to 150 deg +/-15%)

Rated Voltage

1C (16Vdc)

Capacitance

470nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

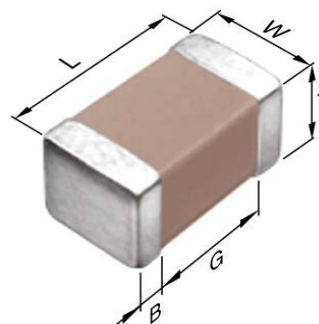
5% Max.

Insulation Resistance

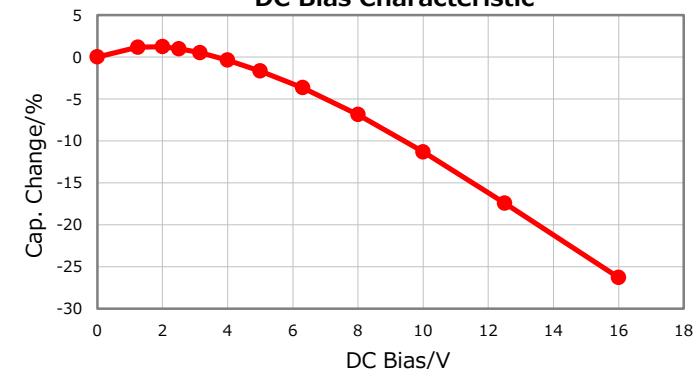
212Mohm Min.

AEC-Q200

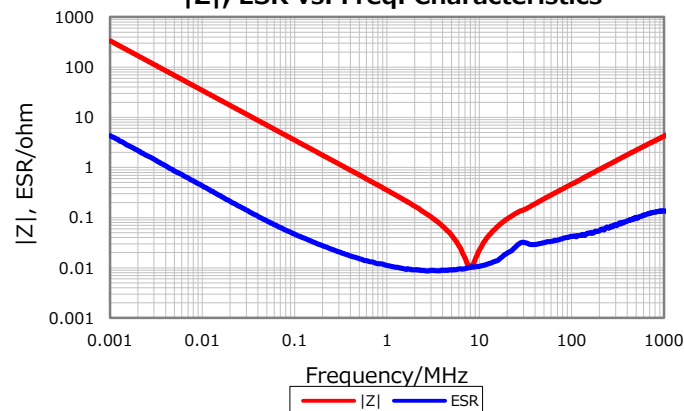
Yes



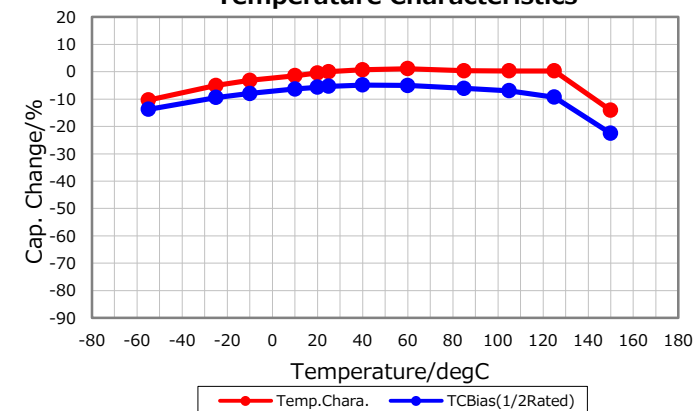
DC Bias Characteristic



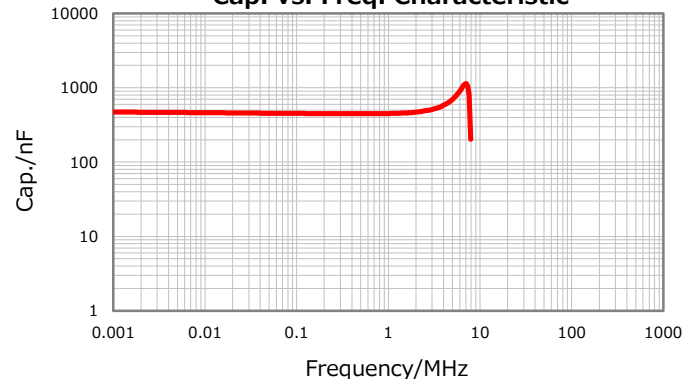
|Z|, ESR vs. Freq. Characteristics



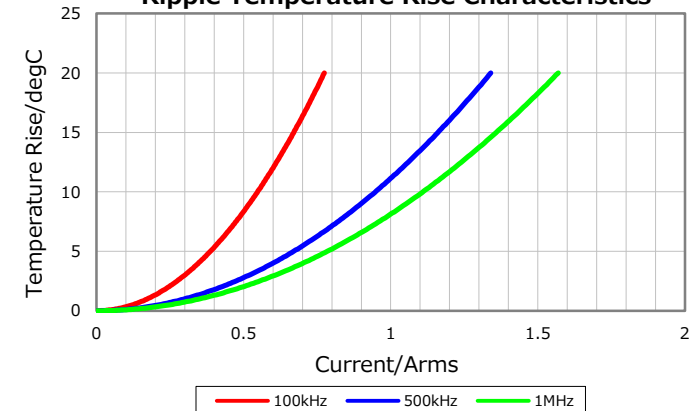
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

June 5, 2018