

CGA3E3X7S1A225K080AB

TDK Item Description : CGA3E3X7S1A225KT****



Application & Main Feature

Automotive Grade (General (Up to 50V))

Series

CGA3(1608) [EIA CC0603]

Dimensions

L 1.60mm +/-0.1mm
W 0.80mm +/-0.1mm
T 0.80mm +/-0.1mm
B 0.20mm Min.
G 0.30mm Min.

Temperature Characteristic

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

Rated Voltage

1A (10Vdc)

Capacitance

2.2uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

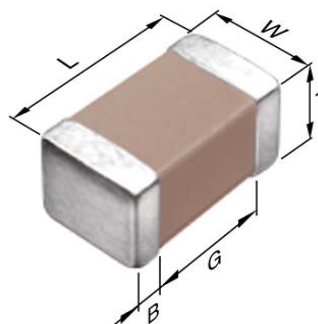
7.5% Max.

Insulation Resistance

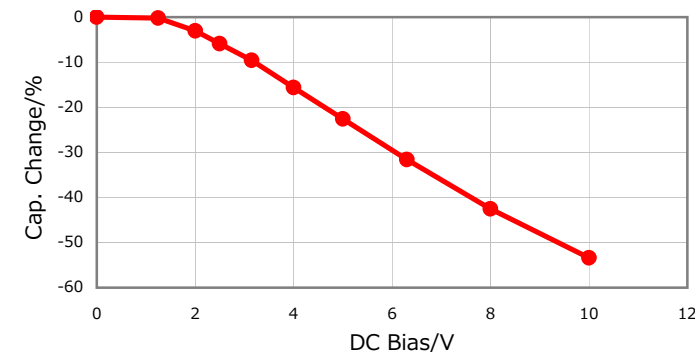
45Mohm Min.

AEC-Q200

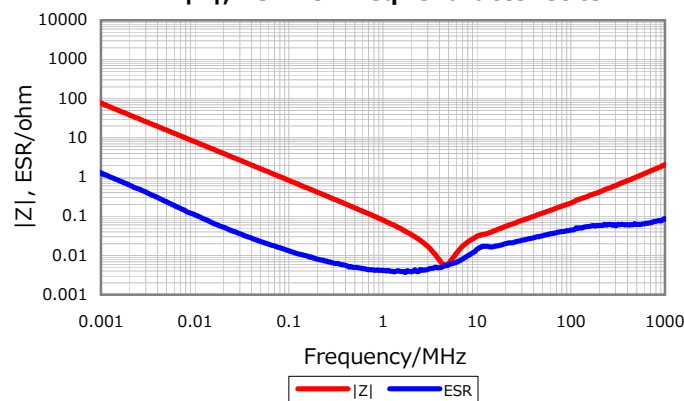
Yes



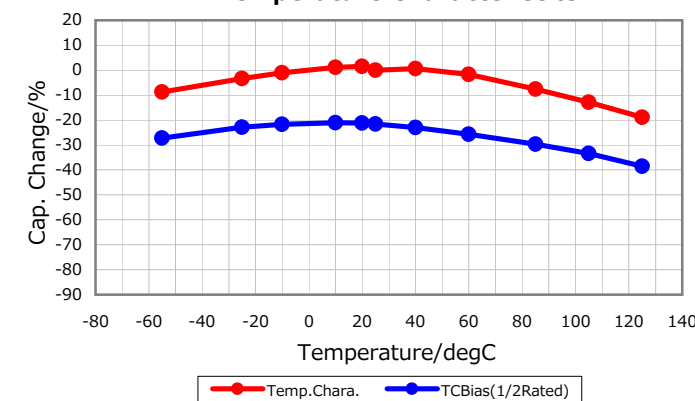
DC Bias Characteristic



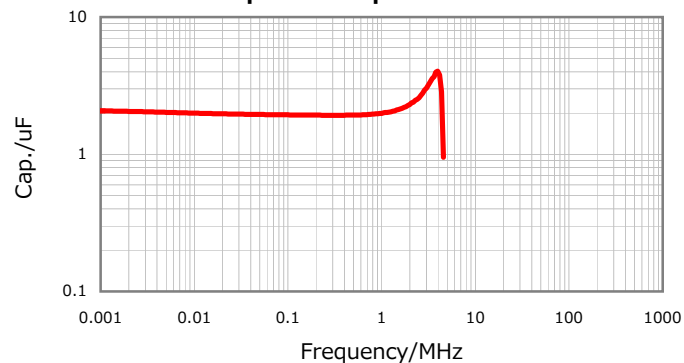
|Z|, ESR vs. Freq. Characteristics



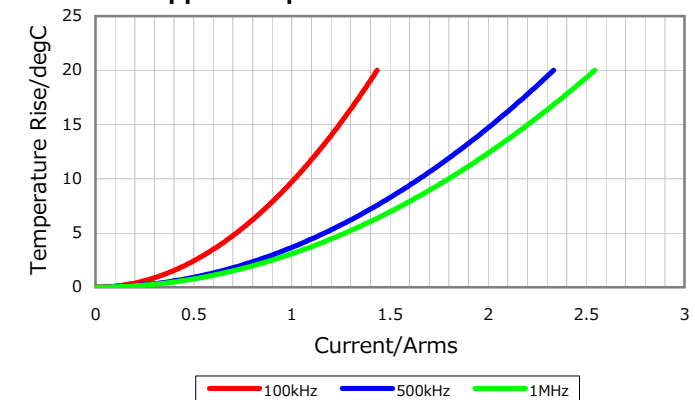
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 4, 2016