

CGA5L1X8L1H225K160AC

TDK Item Description : CGA5L1X8L1H225KT****



Equivalent C3216X8L1H225K for Automotive

Application & Main Feature

Automotive Grade (High Temperature Application)

Series

CGA5(3216) [EIA 1206]



Dimensions

L	3.20mm +/-0.2mm
W	1.60mm +/-0.2mm
T	1.60mm +/-0.2mm
B	0.20mm Min.
G	1.00mm Min.

Temperature Characteristic

X8L (-55 to 150 degC +15,-40%)

Rated Voltage

1H(50Vdc)

Capacitance

2.2uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

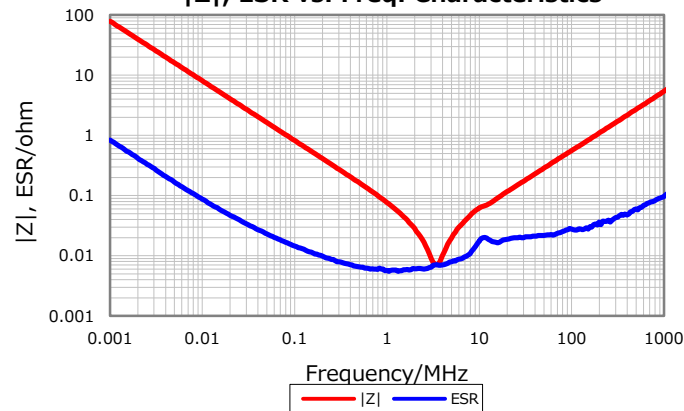
Insulation Resistance

227Mohm Min.

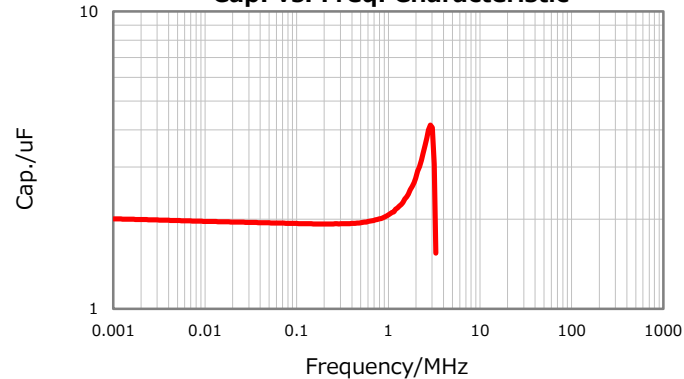
AEC-Q200

Yes

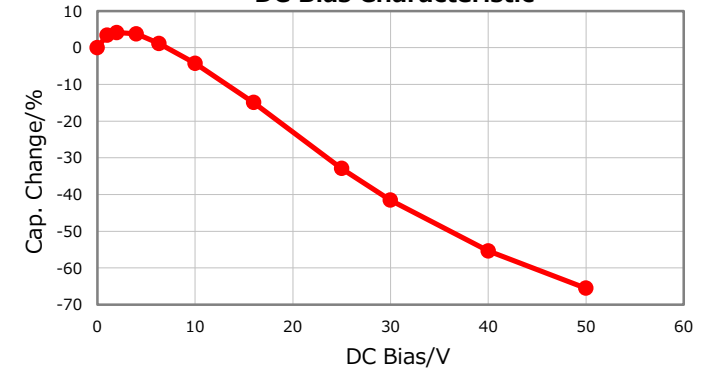
|Z|, ESR vs. Freq. Characteristics



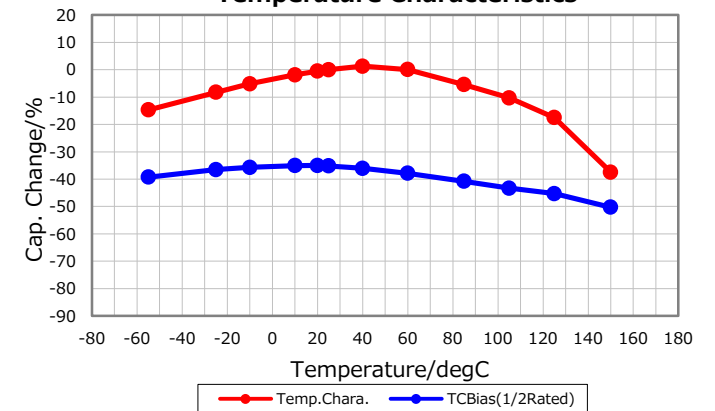
Cap. vs. Freq. Characteristic



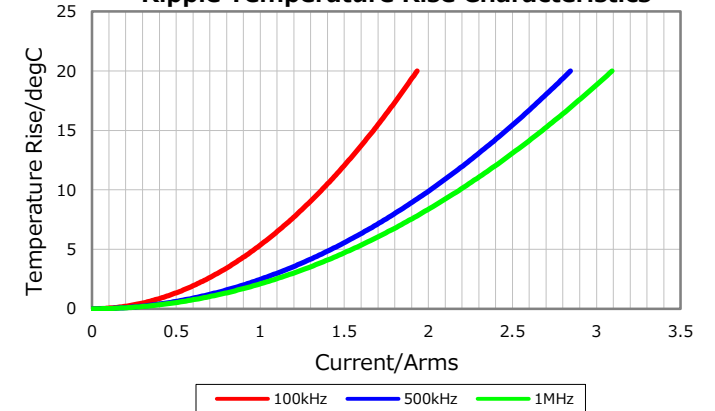
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

June 19, 2017