

CGA6L2X7R1H105K160AD

TDK Item Description : CGA6L2X7R1H105KT***B



Equivalent C3225X7R1H105K for Automotive

Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

Series

CGA6(3225) [EIA CC1210]



Dimensions

L 3.20mm +/-0.45mm
 W 2.50mm +/-0.3mm
 T 1.60mm +/-0.2mm
 B 0.20mm Min.
 G

Temperature Characteristic

X7R (-55 to 125 degC +/-15%)

Rated Voltage

1H (50Vdc)

Capacitance

1uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

3% Max.

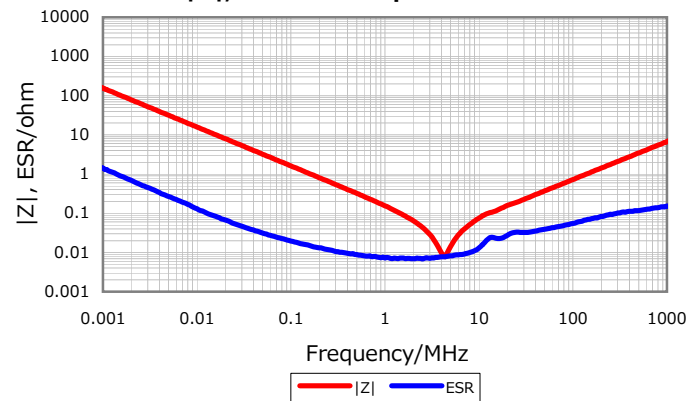
Insulation Resistance

500Mohm Min.

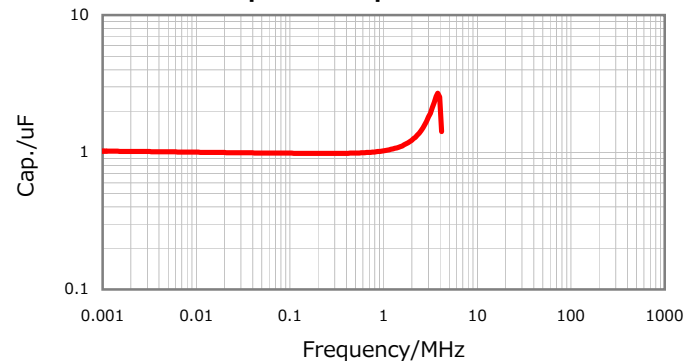
AEC-Q200

Yes

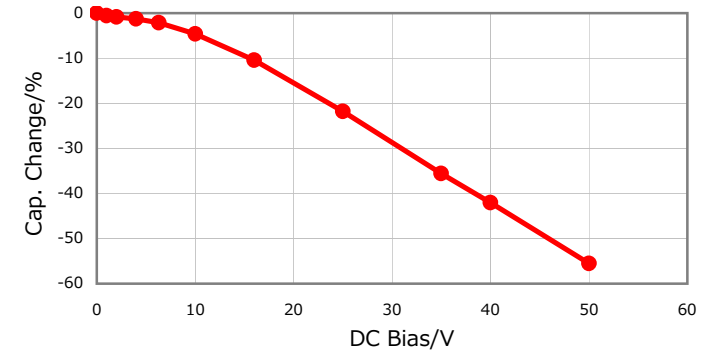
|Z|, ESR vs. Freq. Characteristics



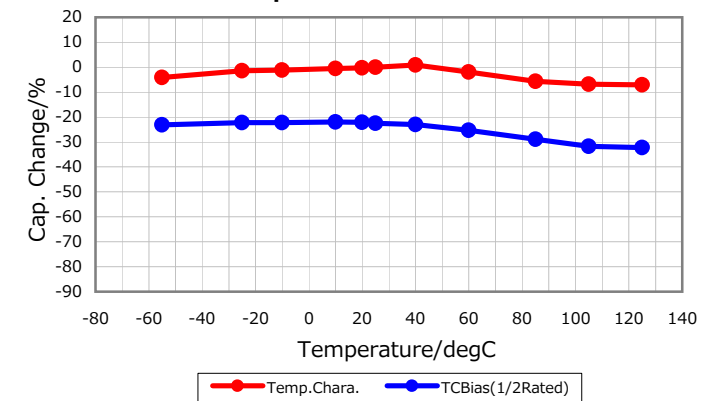
Cap. vs. Freq. Characteristic



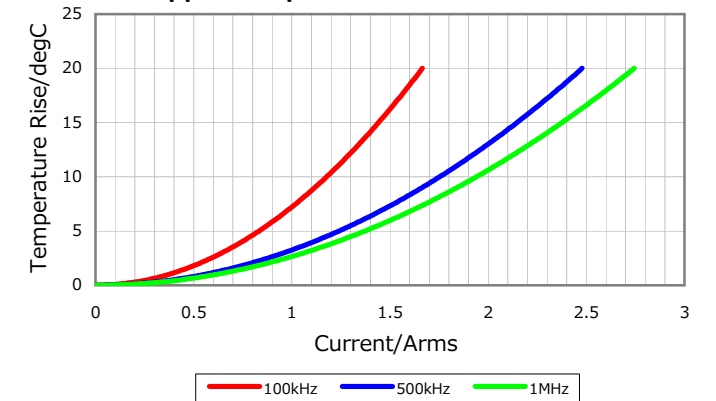
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 4, 2016