

CGA6L2X8R1E155M160AD

TDK Item Description : CGA6L2X8R1E155MT***B



Equivalent C3225X8R1E155M 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

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

Rated Voltage

1E (25Vdc)

Capacitance

1.5uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

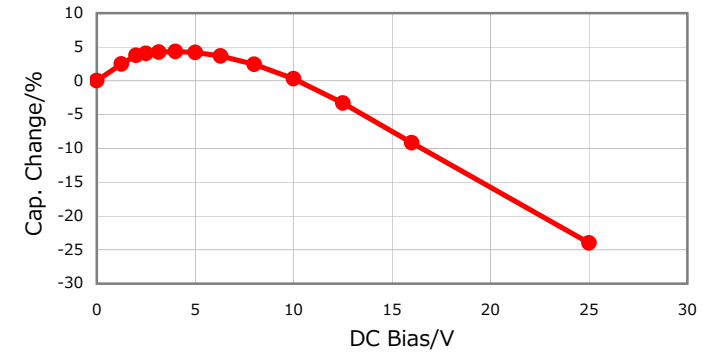
Insulation Resistance

333Mohm Min.

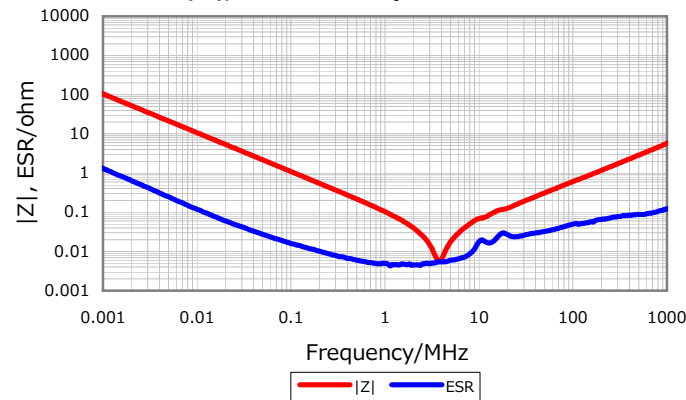
AEC-Q200

Yes

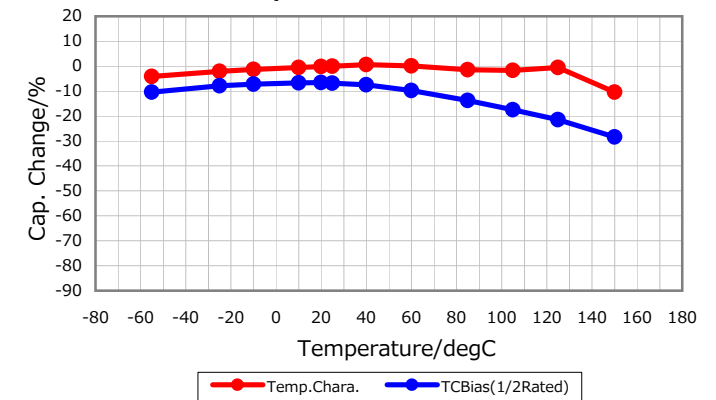
DC Bias Characteristic



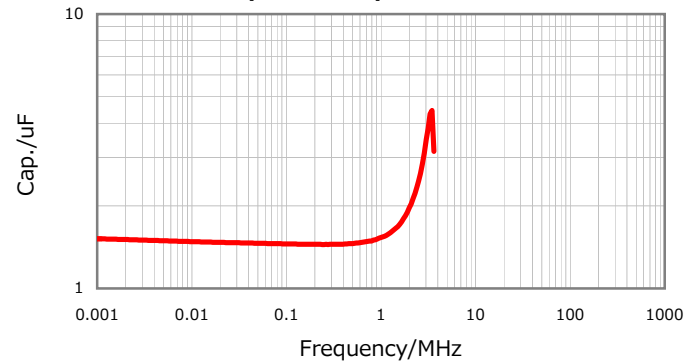
|Z|, ESR vs. Freq. Characteristics



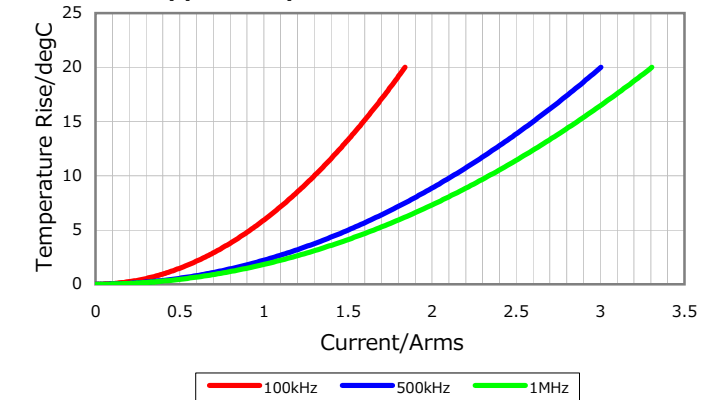
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



⚠ All specifications are subject to change without notice.

January 4, 2016