

CGA6M2X7R1H155K200AD

TDK Item Description : CGA6M2X7R1H155KT***B



Equivalent C3225X7R1H155K 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 2.00mm +/-0.2mm
- B 0.20mm Min.
- G

Temperature Characteristic

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

Rated Voltage

1H (50Vdc)

Capacitance

1.5uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

3% Max.

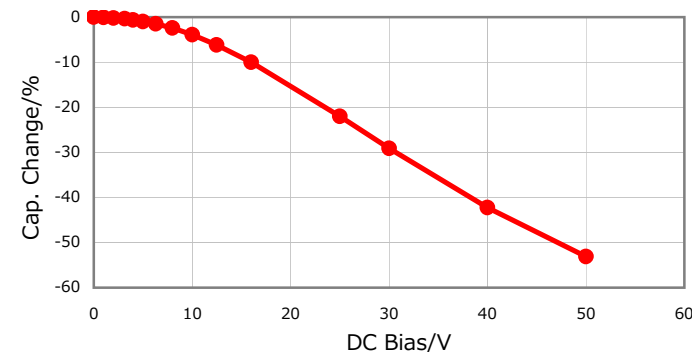
Insulation Resistance

333Mohm Min.

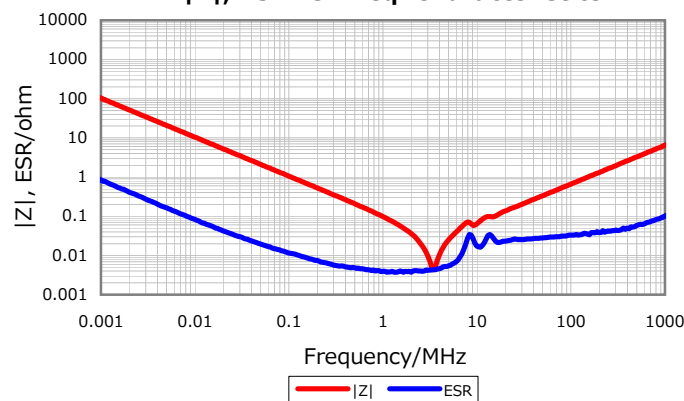
AEC-Q200

Yes

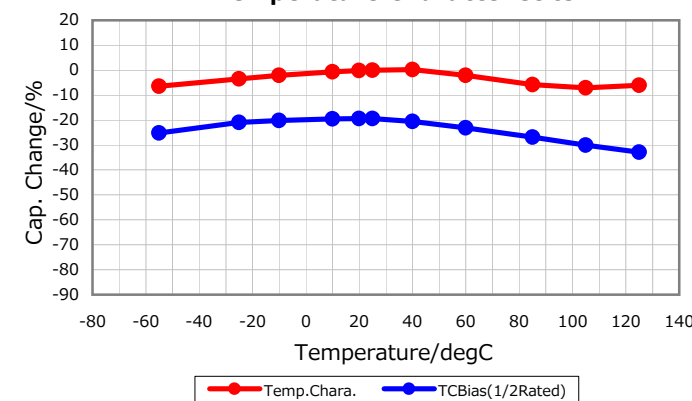
DC Bias Characteristic



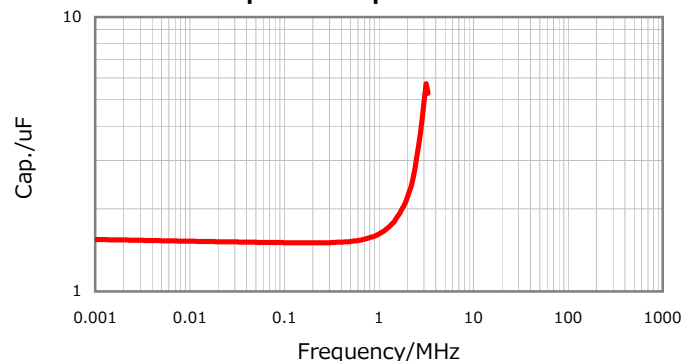
|Z|, ESR vs. Freq. Characteristics



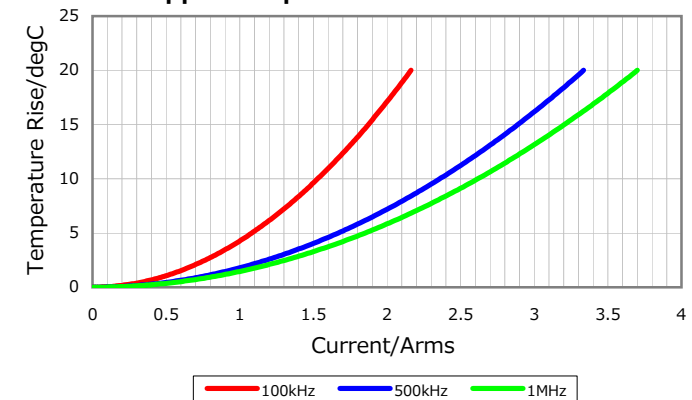
Temperature Characteristics



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