

CGA6M3X7R1H225M200AB

TDK Item Description : CGA6M3X7R1H225MT****



Equivalent C3225X7R1H225M for Automotive

Application & Main Feature

Automotive Grade (General (Up to 50V))

Series

CGA6(3225) [EIA CC1210]



Dimensions

- L 3.20mm +/-0.4mm
- 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

2.2uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

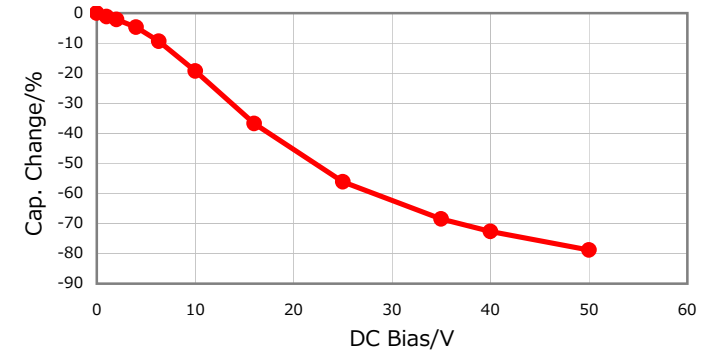
Insulation Resistance

227Mohm Min.

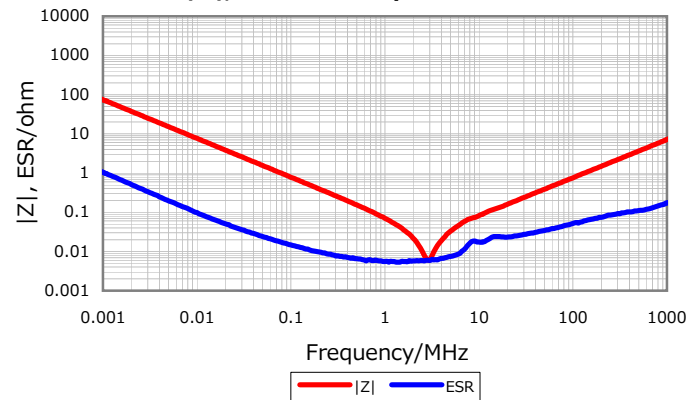
AEC-Q200

Yes

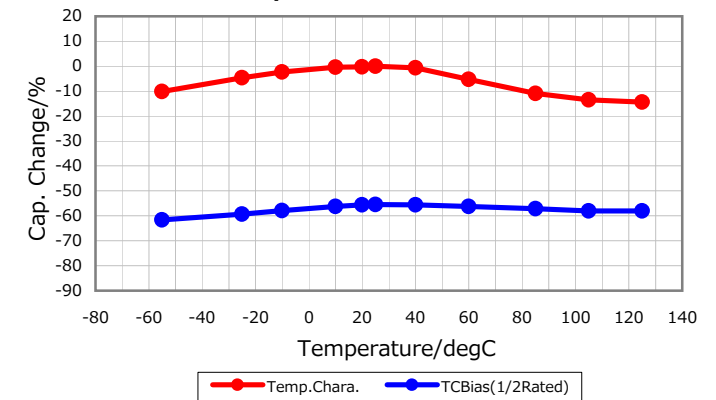
DC Bias Characteristic



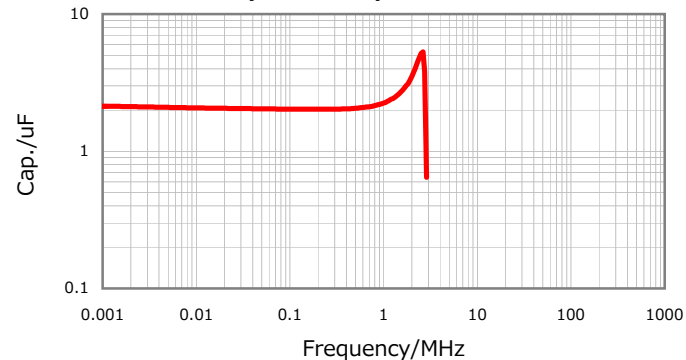
|Z|, ESR vs. Freq. Characteristics



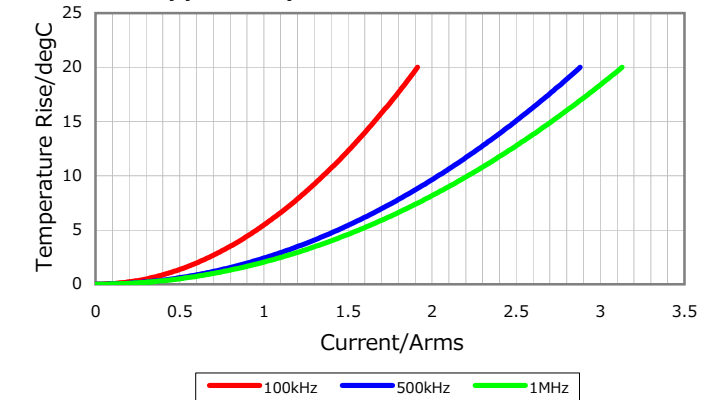
Temperature Characteristics



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