

CGA6P3X7R1H475M250AD

TDK Item Description : CGA6P3X7R1H475MT***B



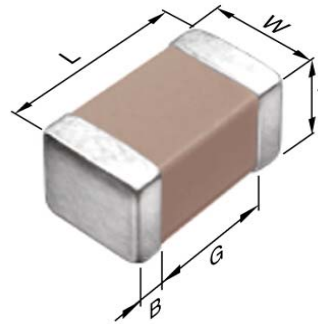
Equivalent C3225X7R1H475M for Automotive

Application & Main Feature

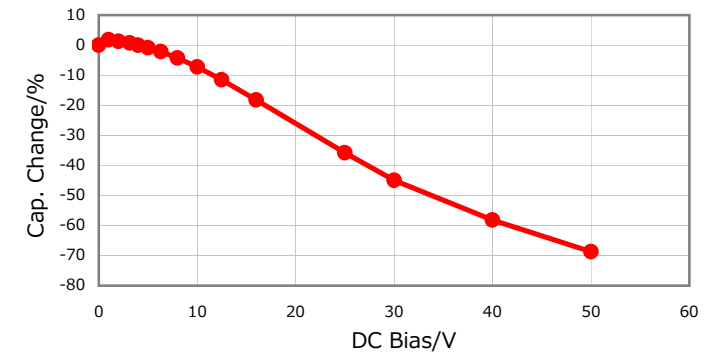
Automotive Grade (Conductive Epoxy Application)

Series

CGA6(3225) [EIA CC1210]



DC Bias Characteristic



Dimensions

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

Temperature Characteristic

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

Rated Voltage

1H (50Vdc)

Capacitance

4.7uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

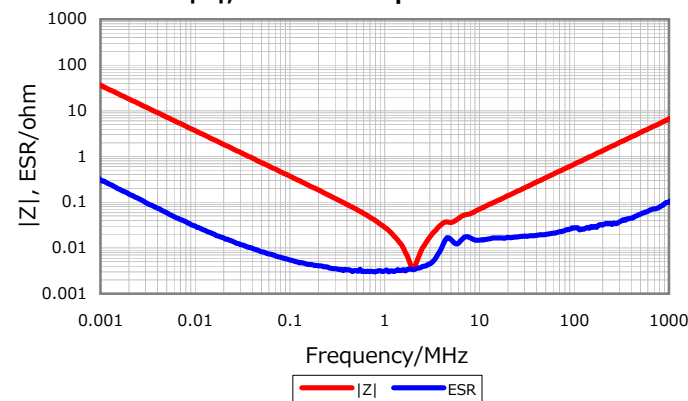
Insulation Resistance

106Mohm Min.

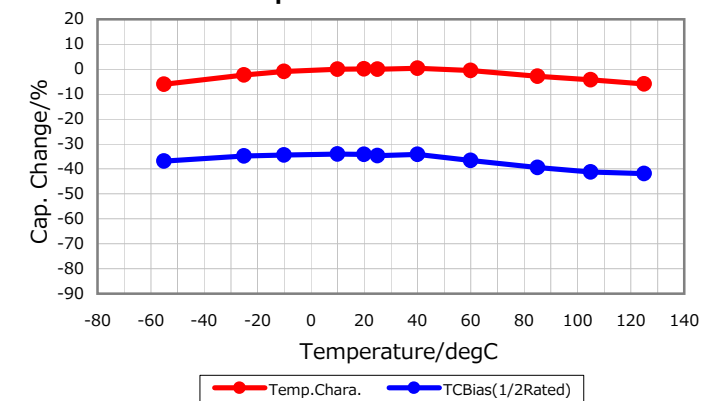
AEC-Q200

Yes

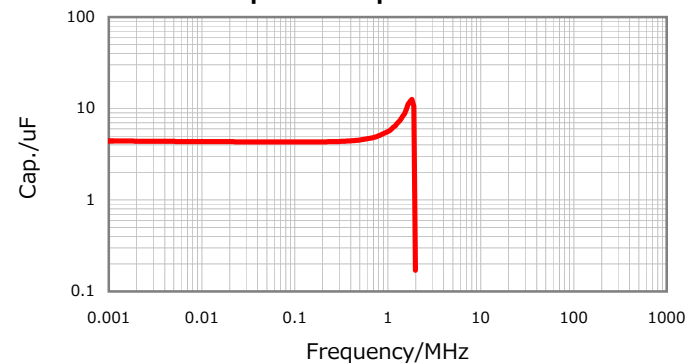
|Z|, ESR vs. Freq. Characteristics



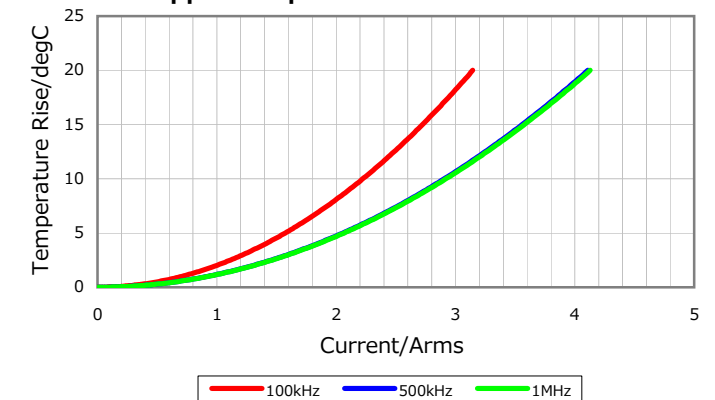
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 4, 2016