

# CGA6P3X7R1H475M250AD

TDK Item Description : CGA6P3X7R1H475MT\*\*\*B



Equivalent C3225X7R1H475M 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 2.50mm +/-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.

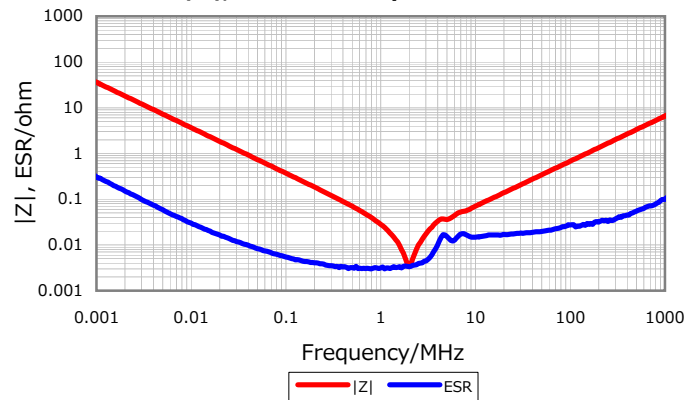
## Insulation Resistance

106Mohm Min.

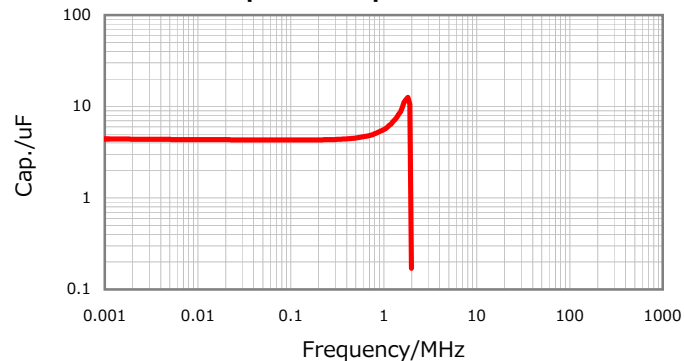
## AEC-Q200

Yes

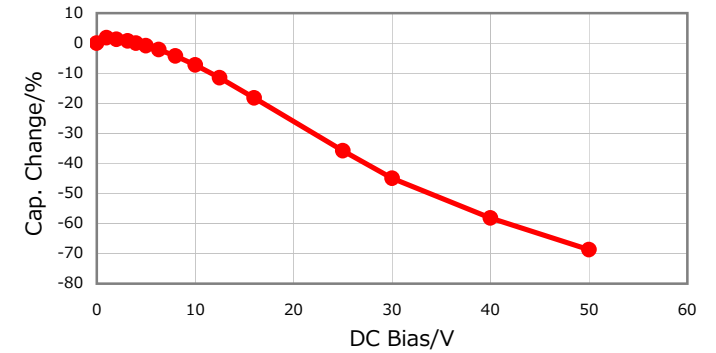
## |Z|, ESR vs. Freq. Characteristics



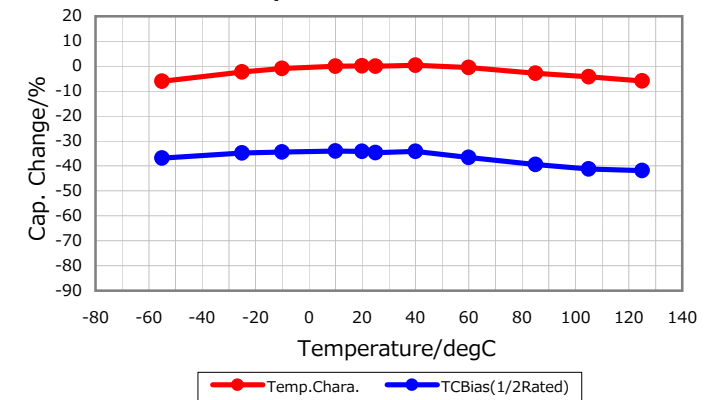
## Cap. vs. Freq. Characteristic



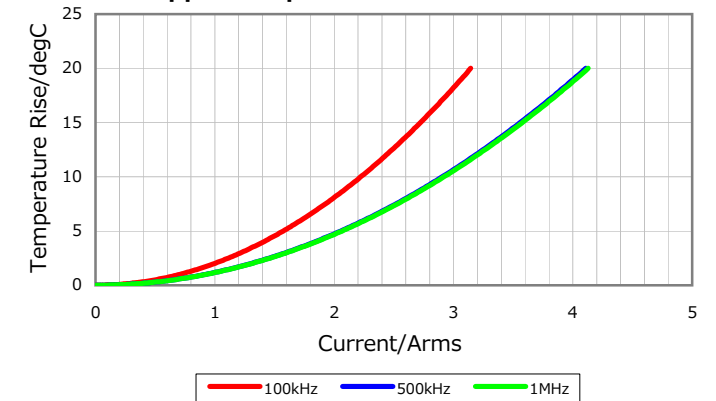
## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 4, 2016