

# CGA6M3X7S2A475K200AE

TDK Item Description : CGA6M3X7S2A475KT\*\*\*S



Equivalent C3225X7S2A475K for Automotive

## Application & Main Feature

Automotive Grade ( Soft Termination )

## Series

CGA6(3225) [EIA CC1210]



## Dimensions

L 3.20mm +0.5,-0.4mm  
 W 2.50mm +/-0.3mm  
 T 2.00mm +0.3,-0.2mm  
 B 0.20mm Min.  
 G

## Temperature Characteristic

X7S (-55 to 125 degC +/-22%)

## Rated Voltage

2A (100Vdc)

## Capacitance

4.7uF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

5% Max.

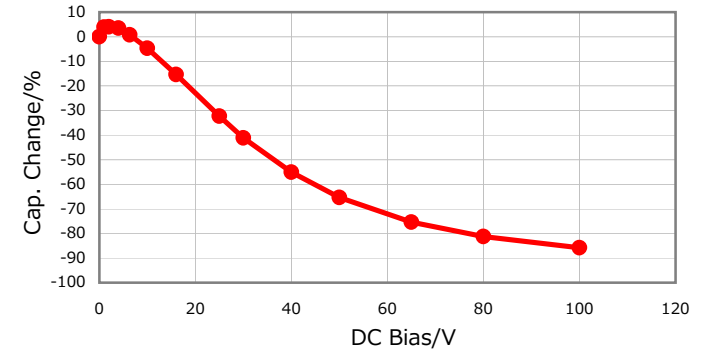
## Insulation Resistance

106Mohm Min.

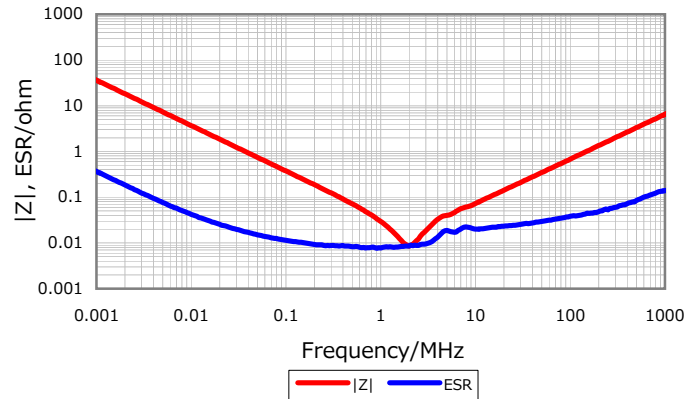
## AEC-Q200

Yes

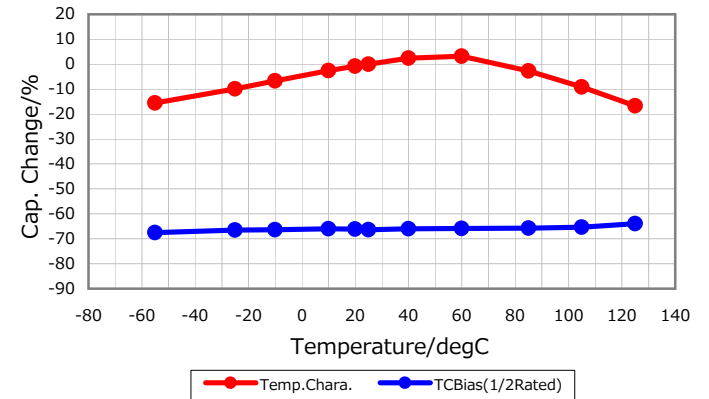
## DC Bias Characteristic



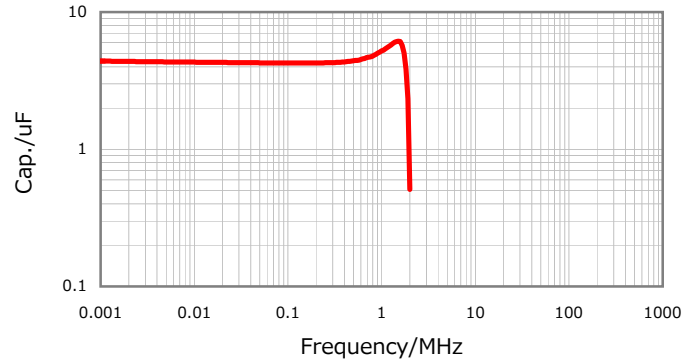
## |Z|, ESR vs. Freq. Characteristics



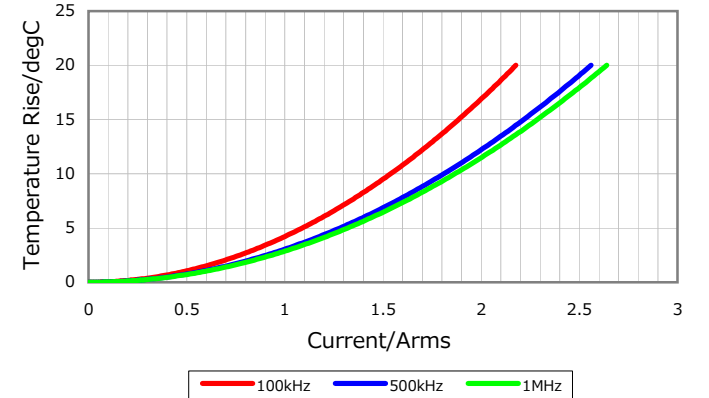
## Temperature Characteristics



## 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