

# CGA8P1X7R1E226M250KC

TDK Item Description : CGA8P1X7R1E226MT\*\*\*\*



Equivalent C4532X7R1E226M for Automotive

## Application & Main Feature

Automotive Grade ( General (Up to 50V) )

## Series

CGA8(4532) [EIA CC1812]



## Dimensions

L 4.50mm +/-0.4mm  
 W 3.20mm +/-0.4mm  
 T 2.50mm +/-0.3mm  
 B 0.20mm Min.  
 G

## Temperature Characteristic

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

## Rated Voltage

1E (25Vdc)

## Capacitance

22uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

3% Max.

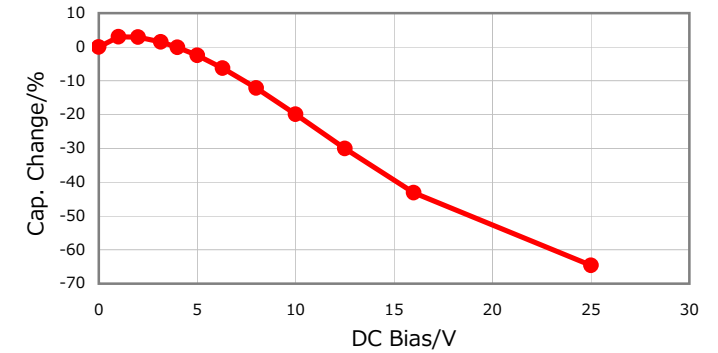
## Insulation Resistance

22Mohm Min.

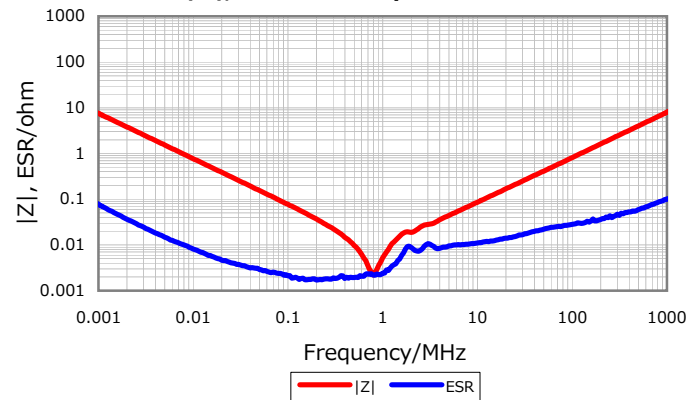
## AEC-Q200

Yes

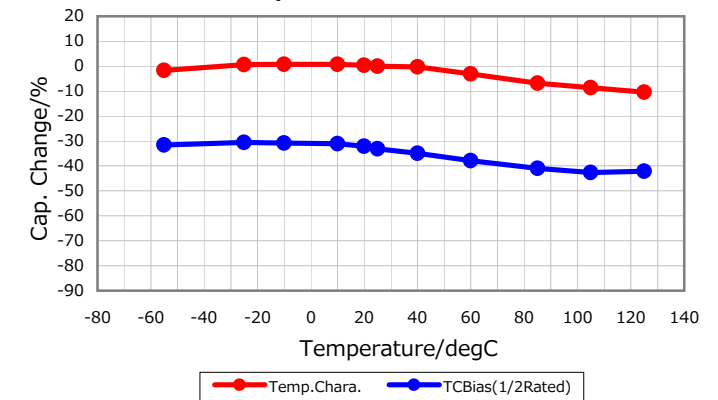
## DC Bias Characteristic



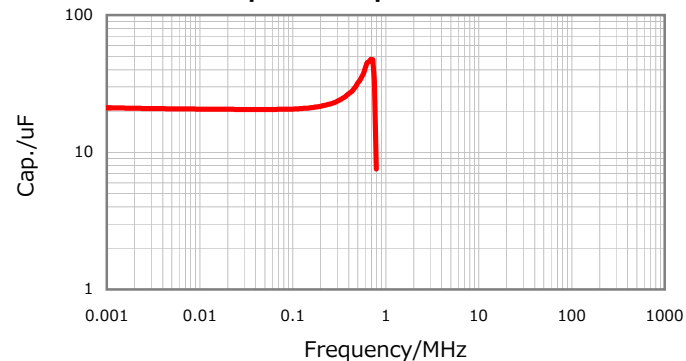
## |Z|, ESR vs. Freq. Characteristics



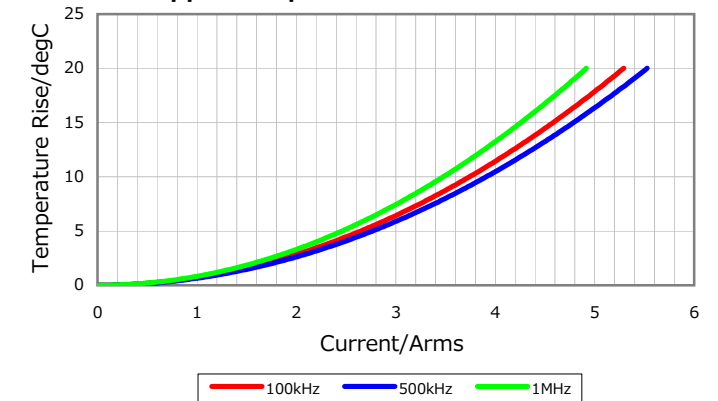
## Temperature Characteristics



## 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