

# CGA6P1X7R1C226M250AC

TDK Item Description : CGA6P1X7R1C226MT\*\*\*\*



Equivalent C3225X7R1C226M 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 2.50mm +/-0.3mm  
 B 0.20mm Min.  
 G

## Temperature Characteristic

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

## Rated Voltage

1C (16Vdc)

## Capacitance

22uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

5% Max.

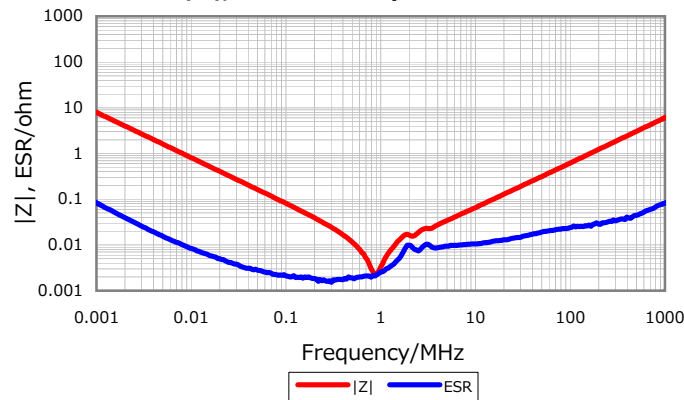
## Insulation Resistance

4Mohm Min.

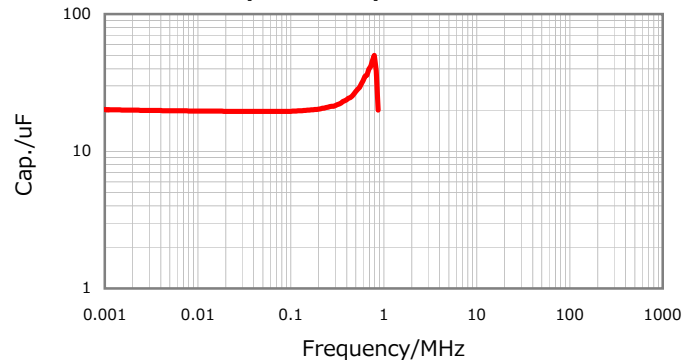
## AEC-Q200

Yes

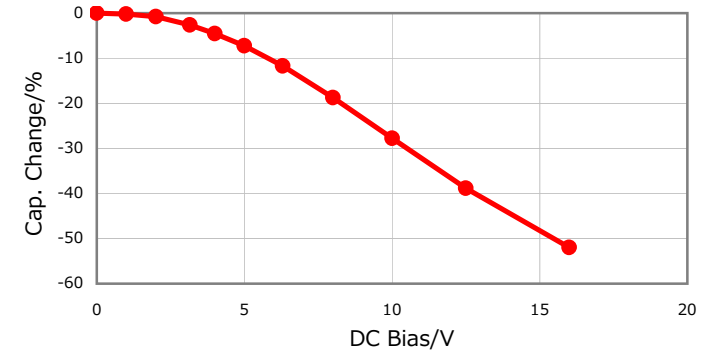
## |Z|, ESR vs. Freq. Characteristics



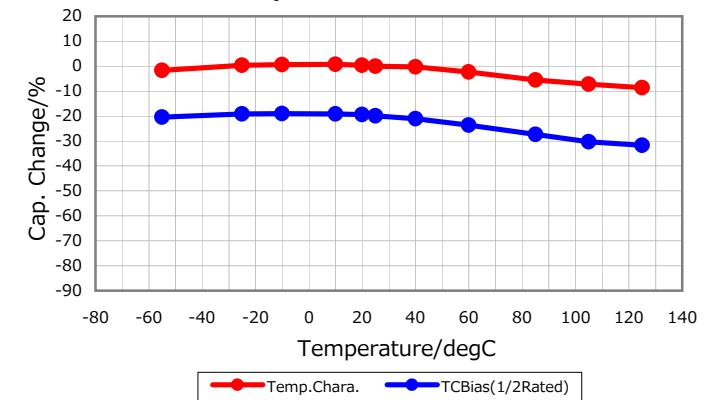
## Cap. vs. Freq. Characteristic



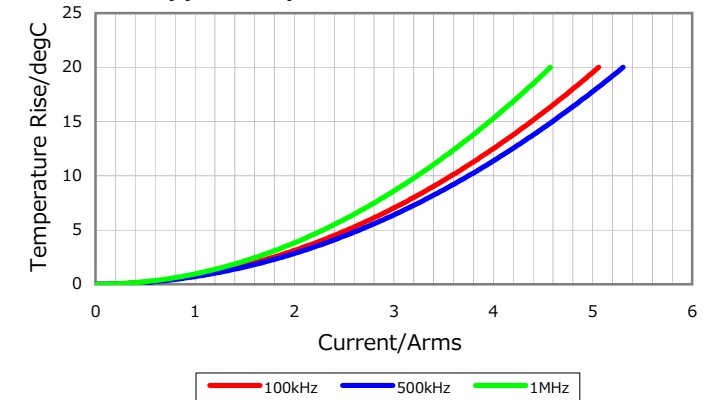
## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 4, 2016