

# CGA9P4X7T2W105M250KE

TDK Item Description : CGA9P4X7T2W105MT\*\*\*S



Equivalent C5750X7T2W105M for Automotive

## Application & Main Feature

Automotive Grade ( Soft Termination )

## Series

CGA9(5750) [EIA CC2220]



## Dimensions

L 5.70mm +0.5,-0.4mm  
 W 5.00mm +/-0.4mm  
 T 2.50mm +/-0.3mm  
 B 0.20mm Min.  
 G

## Temperature Characteristic

X7T (-55 to 125 degC +22,-33%)

## Rated Voltage

2W (450Vdc)

## Capacitance

1uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

2.5% Max.

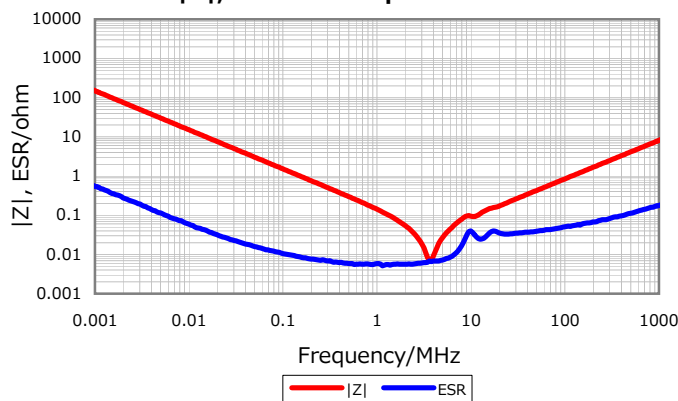
## Insulation Resistance

500Mohm Min.

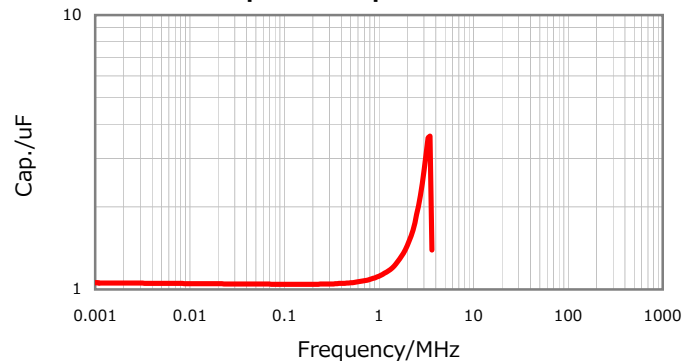
## AEC-Q200

Yes

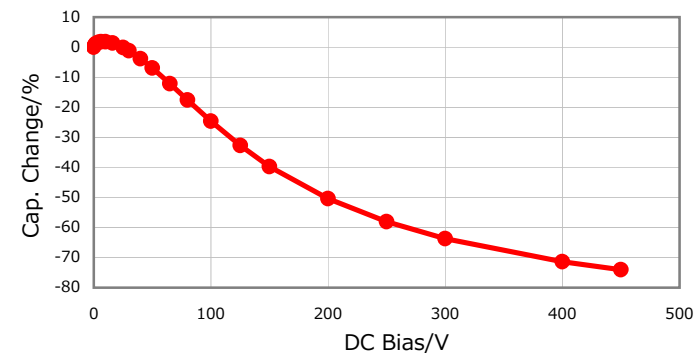
## |Z|, ESR vs. Freq. Characteristics



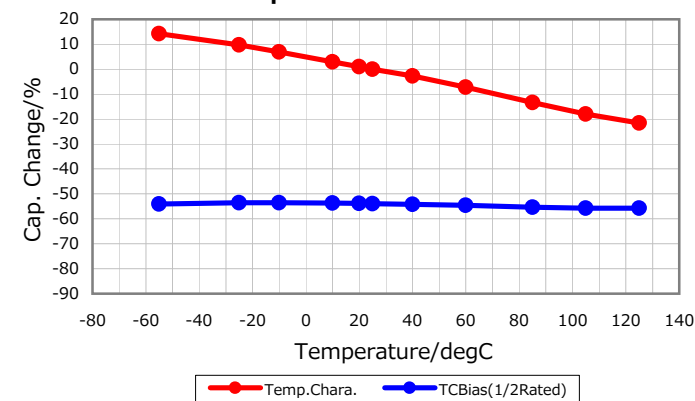
## Cap. vs. Freq. Characteristic



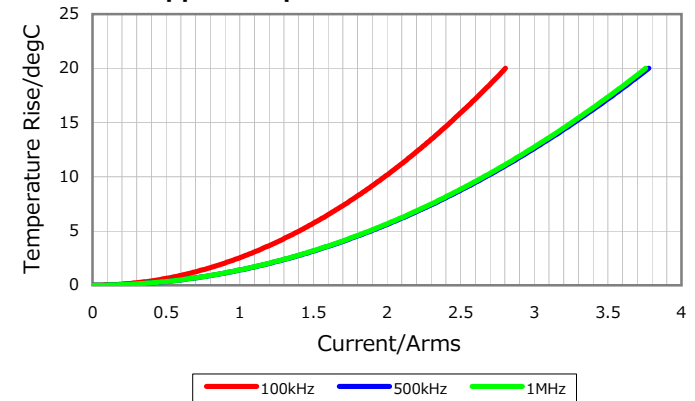
## DC Bias Characteristic



## Temperature Characteristic



## Ripple Temperature Rise Characteristic



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

September 28, 2013