

# C2012X7T2E104K125AE

TDK Item Description : C2012X7T2E104KT\*\*\*S



## Application & Main Feature

Commercial Grade ( Soft Termination )

## Series

C2012 [EIA CC0805]



## Dimensions

L 2.00mm +0.45,-0.2mm  
 W 1.25mm +0.25,-0.2mm  
 T 1.25mm +0.25,-0.2mm  
 B 0.20mm Min.  
 G 0.50mm Min.

## Temperature Characteristic

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

## Rated Voltage

2E (250Vdc)

## Capacitance

100nF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

2.5% Max.

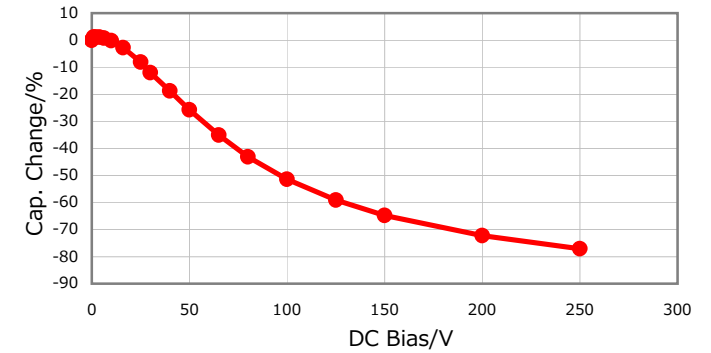
## Insulation Resistance

5Gohm Min.

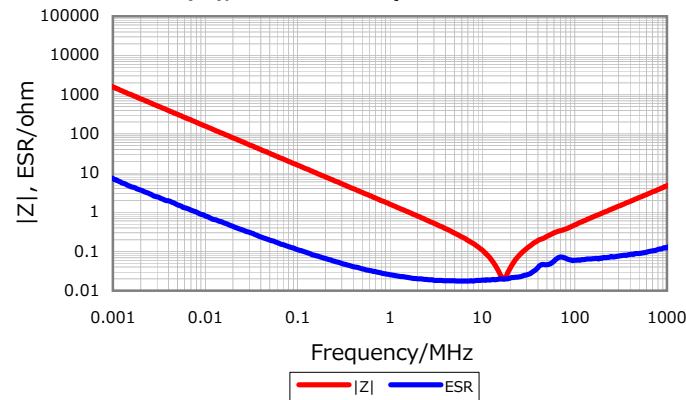
## AEC-Q200

Not Applicable

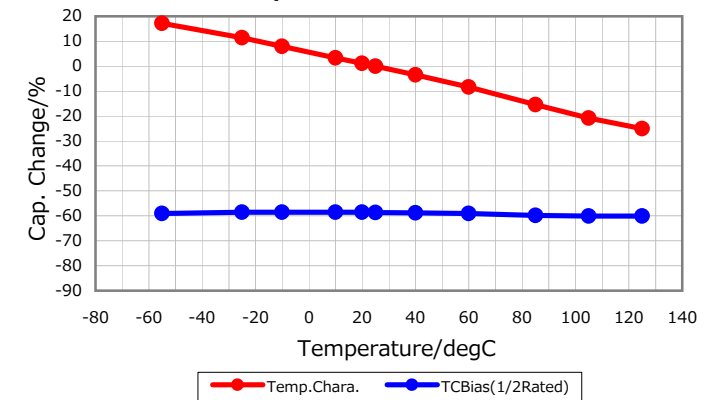
## DC Bias Characteristic



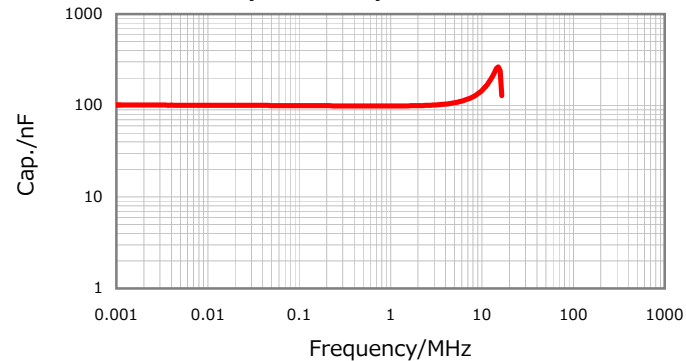
## |Z|, ESR vs. Freq. Characteristics



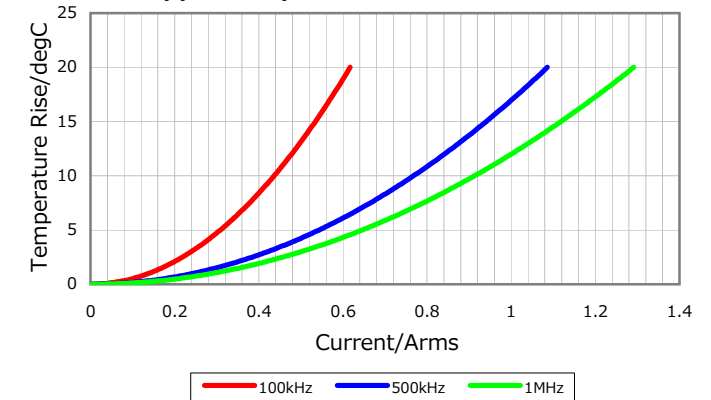
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 3, 2016