

# CEU3E2X7R1H103K080AE

TDK Item Description : CEU3E2X7R1H103KT\*\*\*S



## Application & Main Feature

Automotive Grade ( Serial Design )

## Series

CEU3(1608) [EIA CC0603]



## Dimensions

L 1.60mm +0.2,-0.1mm  
 W 0.80mm +0.15,-0.1mm  
 T 0.80mm +0.15,-0.1mm  
 B 0.20mm Min.  
 G 0.30mm Min.

## Temperature Characteristic

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

## Rated Voltage

1H (50Vdc)

## Capacitance

10nF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

3% Max.

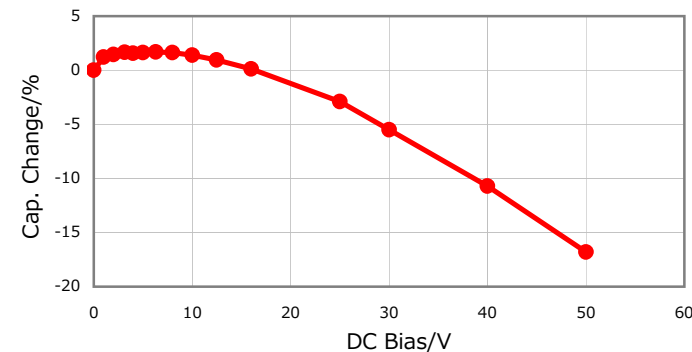
## Insulation Resistance

10Gohm Min.

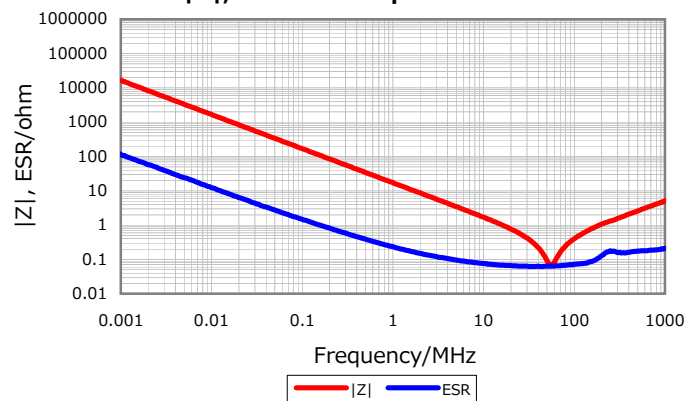
## AEC-Q200

Yes

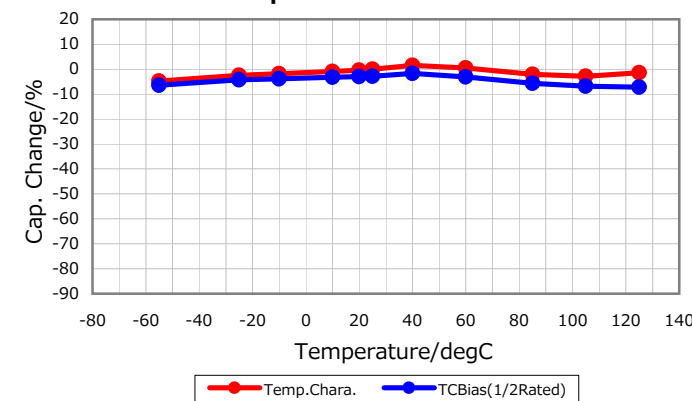
## DC Bias Characteristic



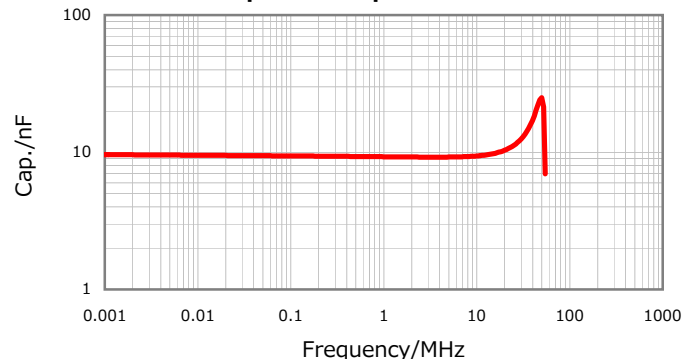
## |Z|, ESR vs. Freq. Characteristics



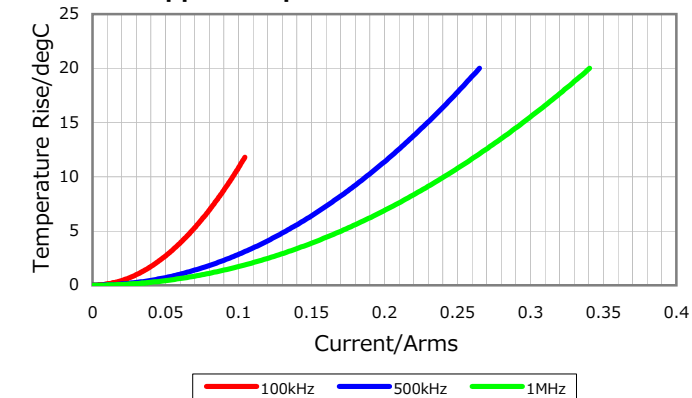
## Temperature Characteristics



## 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