

# CGA8N3X7R2E474K230KE

TDK Item Description : CGA8N3X7R2E474KT\*\*\*S



Equivalent C4532X7R2E474K for Automotive

## Application & Main Feature

Automotive Grade ( Soft Termination )

## Series

CGA8(4532) [EIA CC1812]



## Dimensions

L 4.50mm +0.5,-0.4mm  
 W 3.20mm +/-0.4mm  
 T 2.30mm +0.3,-0.2mm  
 B 0.20mm Min.  
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## Temperature Characteristic

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

## Rated Voltage

2E (250Vdc)

## Capacitance

470nF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

3% Max.

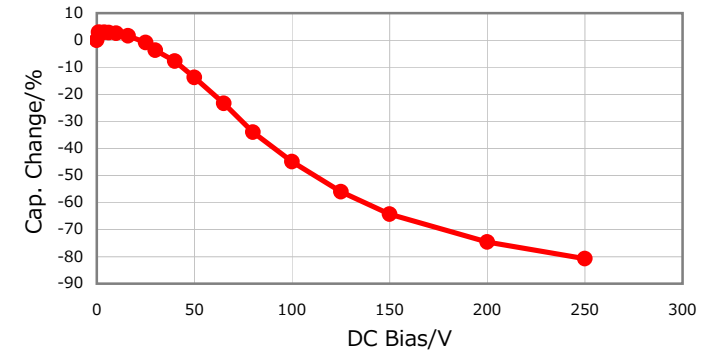
## Insulation Resistance

1.06Gohm Min.

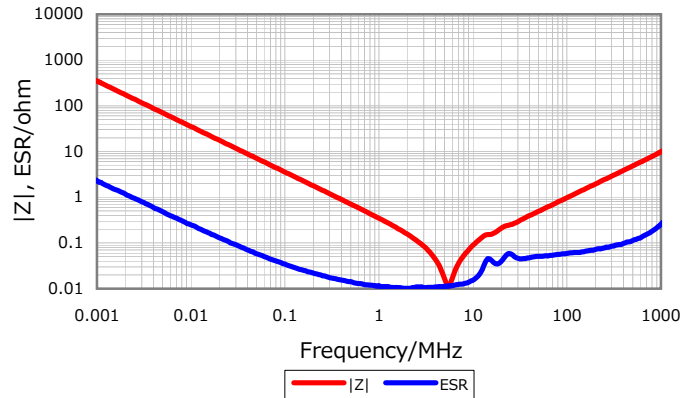
## AEC-Q200

Yes

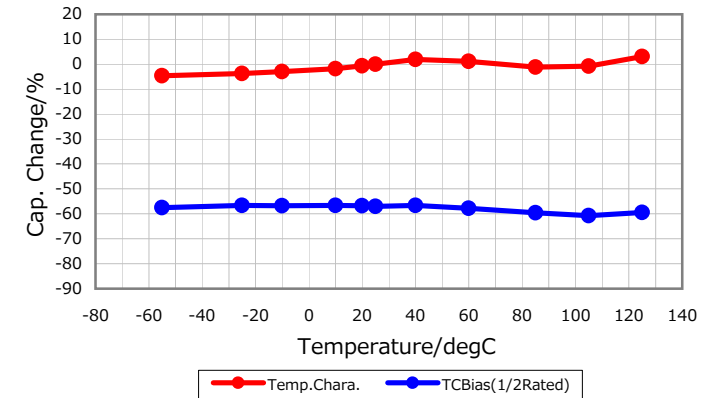
## DC Bias Characteristic



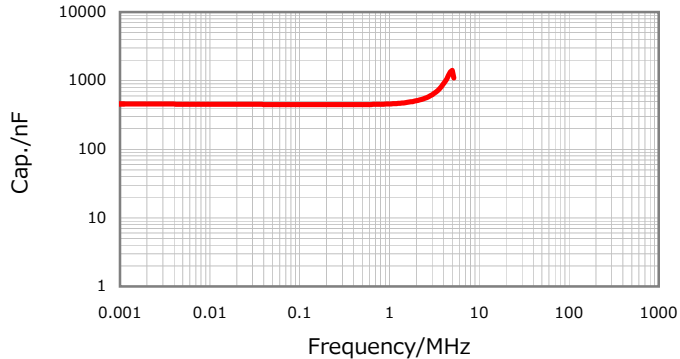
## |Z|, ESR vs. Freq. Characteristics



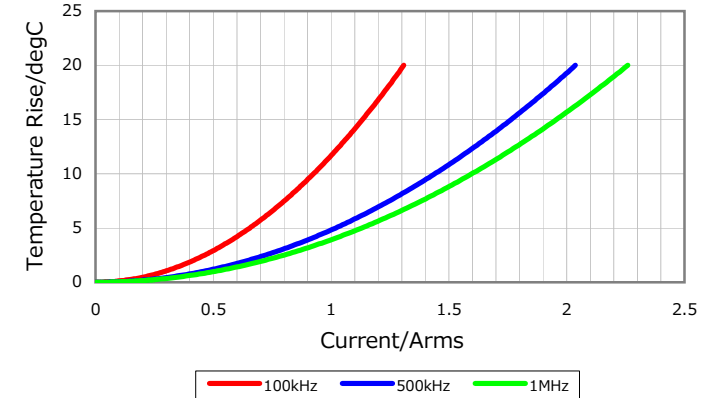
## Temperature Characteristic



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristic



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

September 28, 2013