

# CGA5F2X8R1E474K085AD

TDK Item Description : CGA5F2X8R1E474KT\*\*B



Equivalent C3216X8R1E474K for Automotive

## Application & Main Feature

Automotive Grade (Conductive Epoxy Application)

## Series

CGA5(3216) [EIA CC1206]



## Dimensions

L 3.20mm +0.3,-0.1mm  
 W 1.60mm +0.3,-0.1mm  
 T 0.85mm +/-0.15mm  
 B 0.20mm Min.  
 G 1.00mm Min.

## Temperature Characteristic

X8R (-55 to 150 degC +/-15%)

## Rated Voltage

1E (25Vdc)

## Capacitance

470nF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

3% Max.

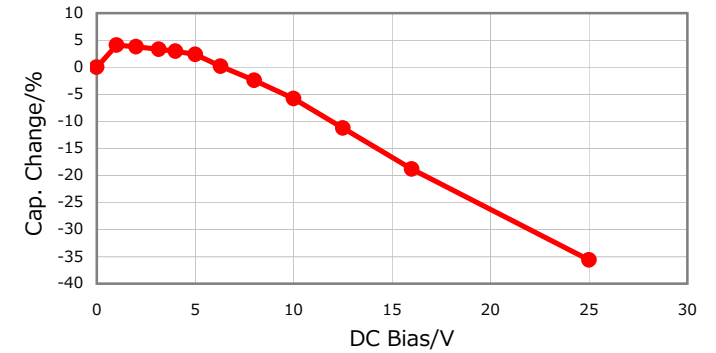
## Insulation Resistance

1.06Gohm Min.

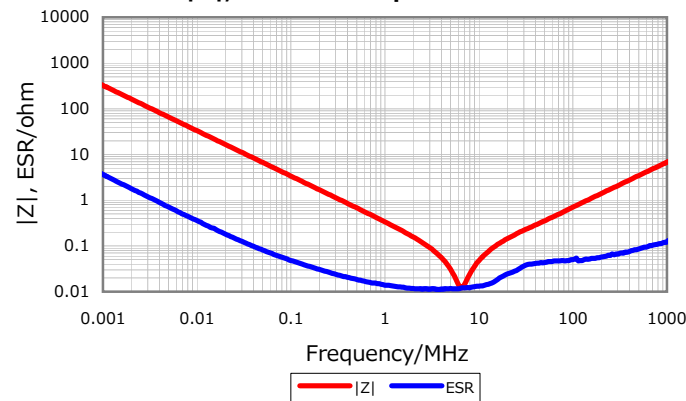
## AEC-Q200

Yes

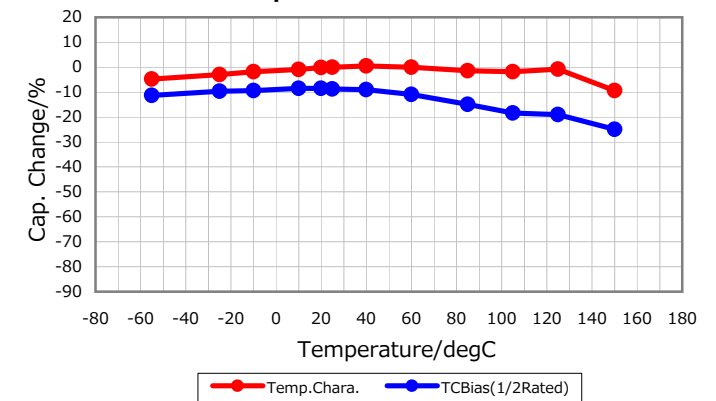
## DC Bias Characteristic



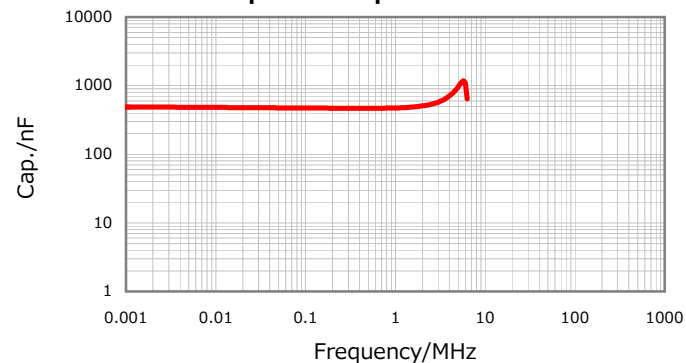
## |Z|, ESR vs. Freq. Characteristics



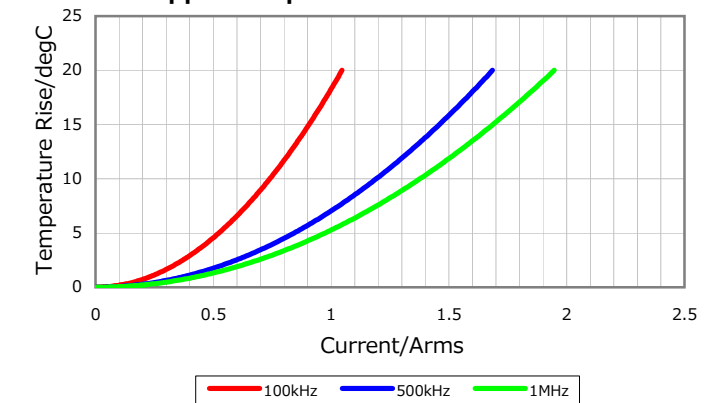
## Temperature Characteristics



## 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