

# C2012X5R1A475K125AA

TDK Item Description : C2012X5R1A475KT\*\*\*\*

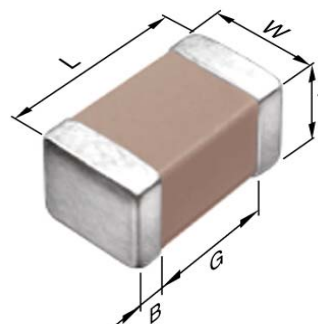


## Application & Main Feature

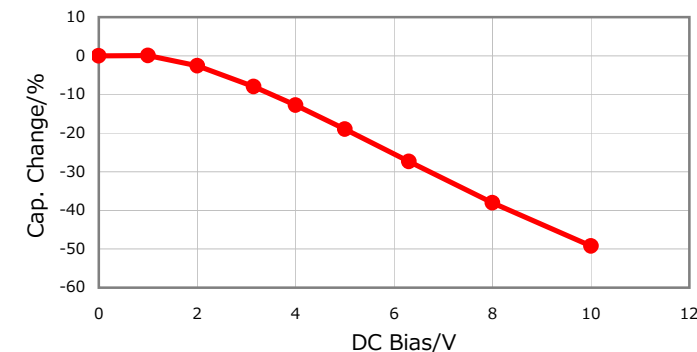
Commercial Grade ( General (Up to 50V) )

## Series

C2012 [EIA CC0805]



## DC Bias Characteristic



## Dimensions

L 2.00mm +/-0.2mm  
W 1.25mm +/-0.2mm  
T 1.25mm +/-0.2mm  
B 0.20mm Min.  
G 0.50mm Min.

## Temperature Characteristic

X5R (-55 to 85 degC +/-15%)

## Rated Voltage

1A (10Vdc)

## Capacitance

4.7uF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

5% Max.

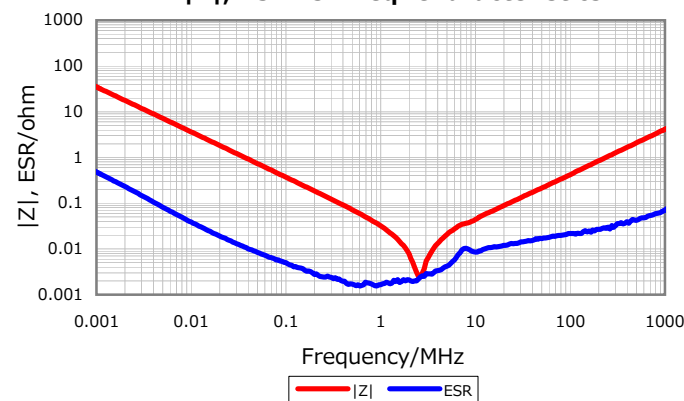
## Insulation Resistance

21Mohm Min.

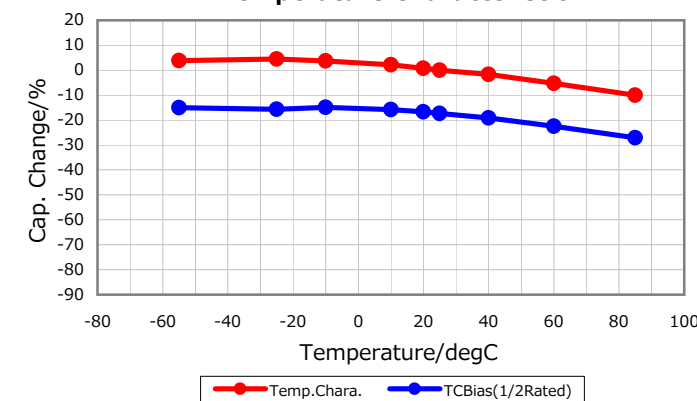
## AEC-Q200

Not Applicable

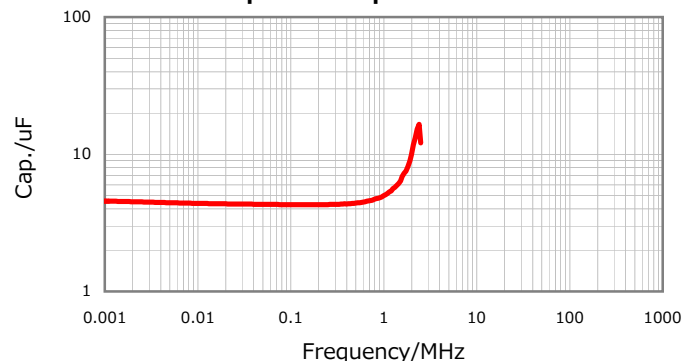
## |Z|, ESR vs. Freq. Characteristics



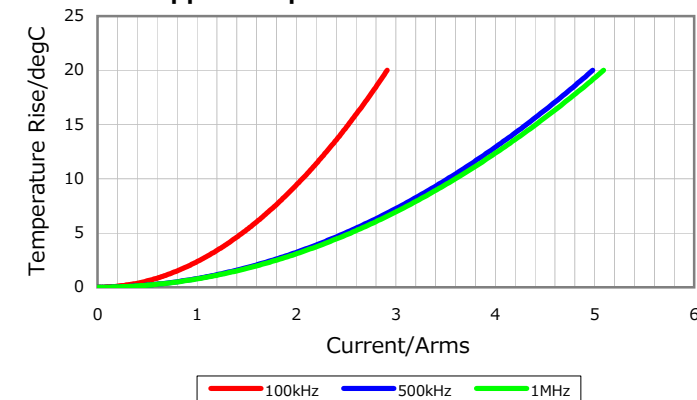
## Temperature Characteristic



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristic



All specifications are subject to change without notice.

September 28, 2013