

# C2012X6S0G476M125AC

TDK Item Description : C2012X6S0G476MT\*\*\*\*



## Application & Main Feature

Commercial Grade ( General (Up to 50V) )

## Series

C2012 [EIA CC0805]



## 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

X6S (-55 to 105 degC +/-22%)

## Rated Voltage

0G (4Vdc)

## Capacitance

47uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

10% Max.

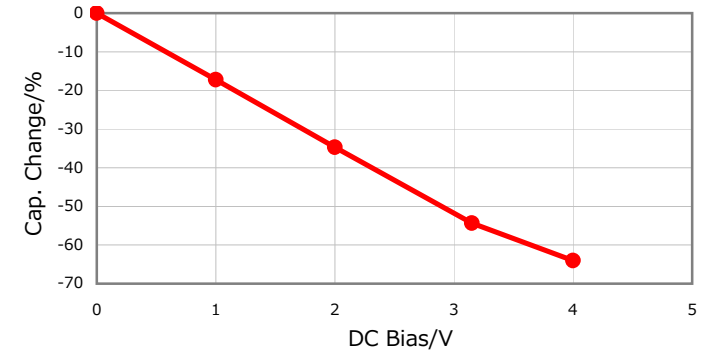
## Insulation Resistance

2Mohm Min.

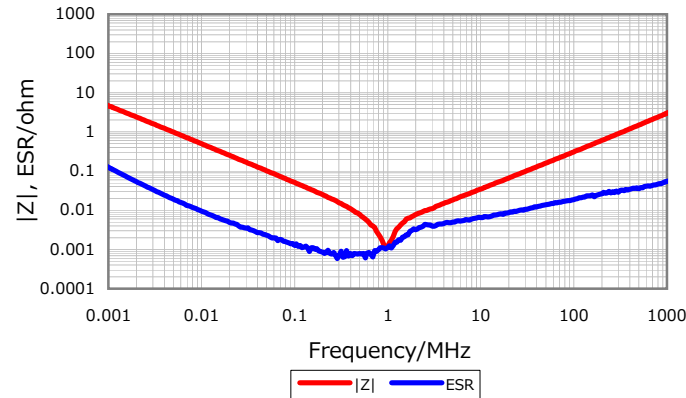
## AEC-Q200

Not Applicable

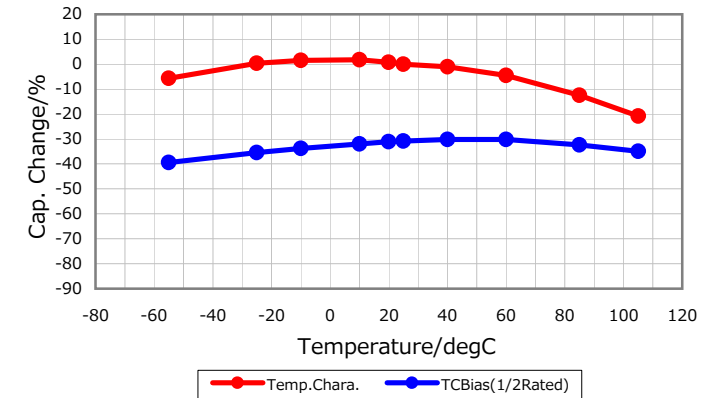
## DC Bias Characteristic



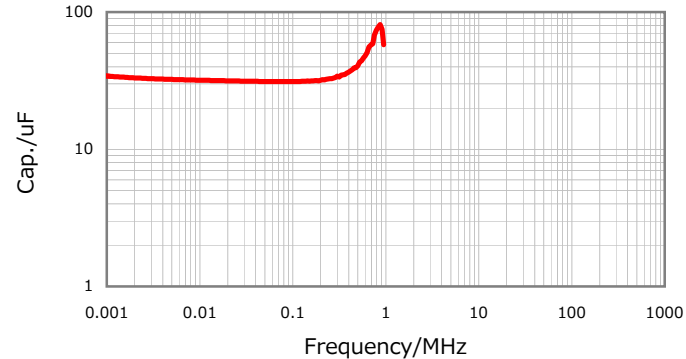
## |Z|, ESR vs. Freq. Characteristics



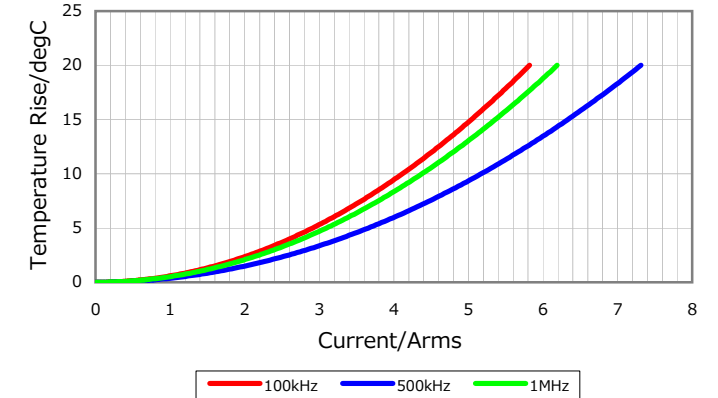
## Temperature Characteristics



## 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