

# C2012X7R2E153K125AM

TDK Item Description : C2012X7R2E153KT5\*\*\*



## Application & Main Feature

Commercial Grade ( Open Mode )

## 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

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

## Rated Voltage

2E (250Vdc)

## Capacitance

15nF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

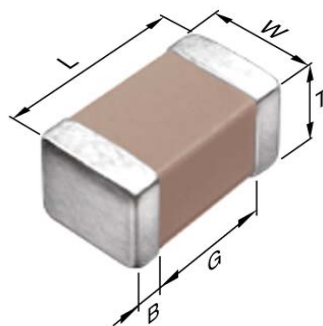
3% Max.

## Insulation Resistance

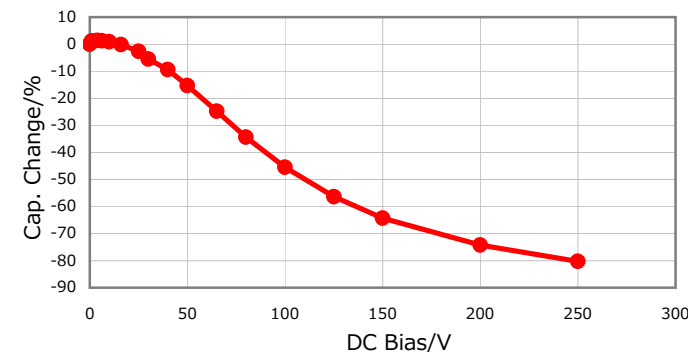
10Gohm Min.

## AEC-Q200

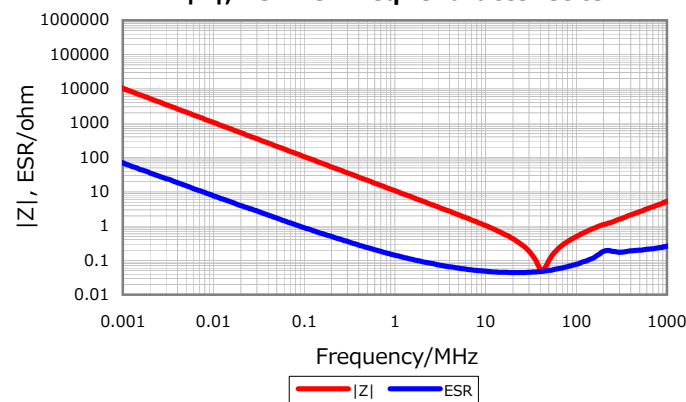
Not Applicable



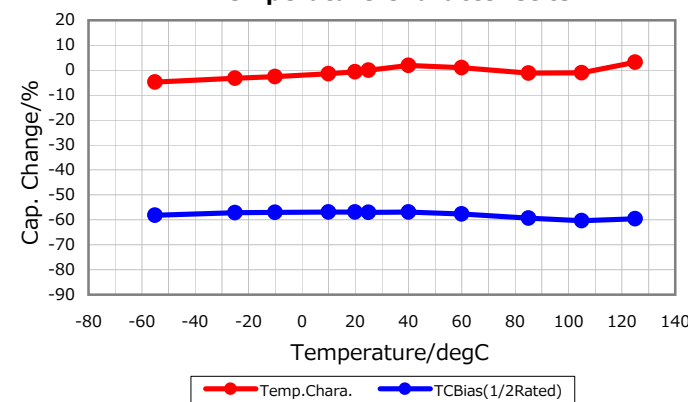
## DC Bias Characteristic



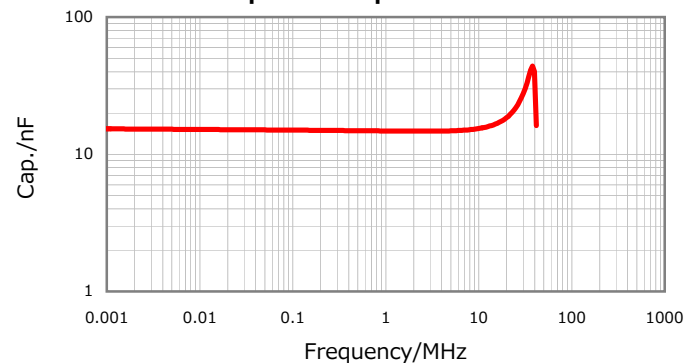
## |Z|, ESR vs. Freq. Characteristics



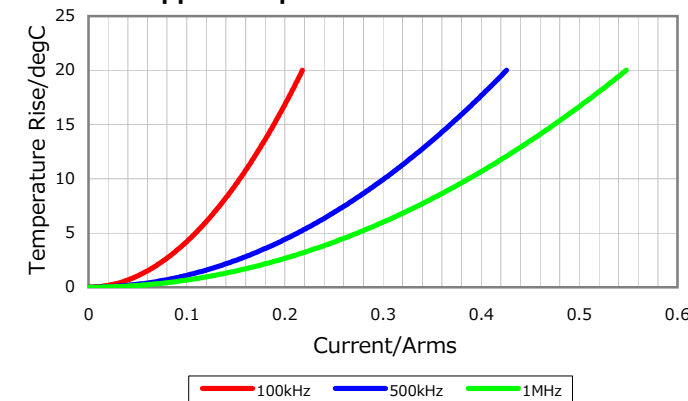
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 3, 2016