

# C2012X5R1H224M125AA

TDK Item Description : C2012X5R1H224MT\*\*\*\*

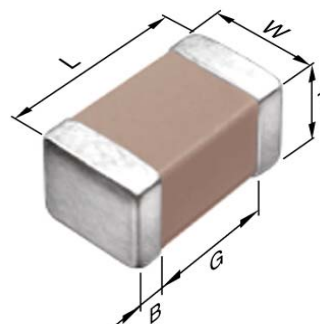


## Application & Main Feature

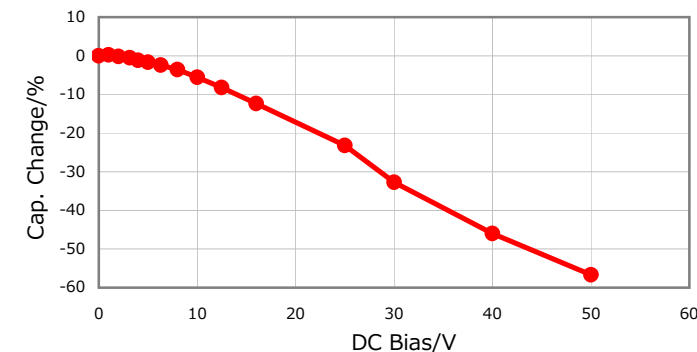
Commercial Grade ( General (Up to 50V) )

## 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

1H (50Vdc)

## Capacitance

220nF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

3% Max.

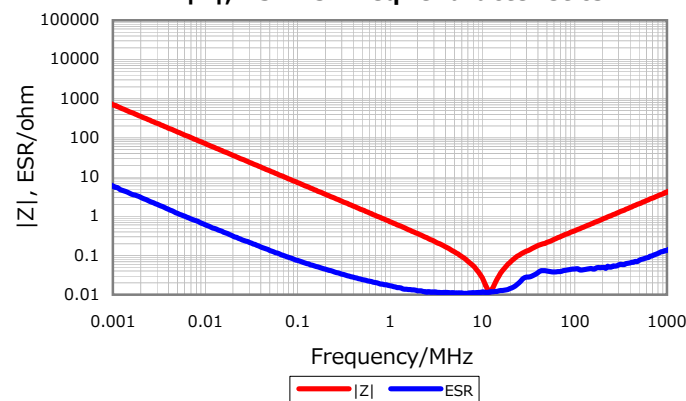
## Insulation Resistance

2.27Gohm Min.

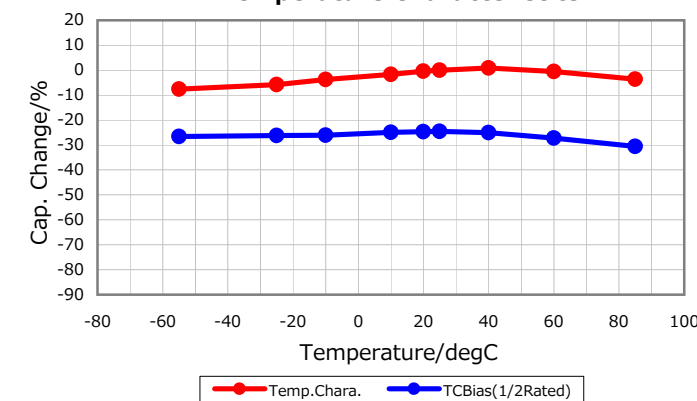
## AEC-Q200

Not Applicable

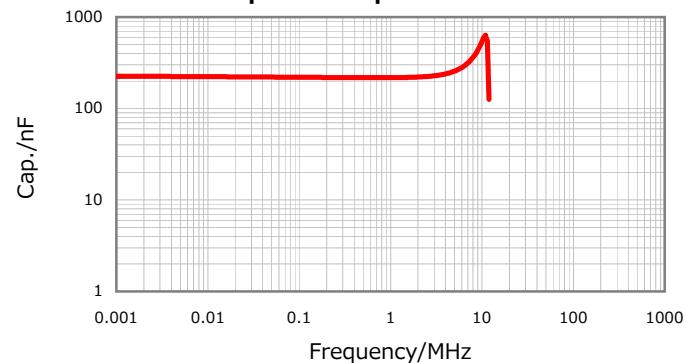
## |Z|, ESR vs. Freq. Characteristics



## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics

