

# C1608X5R2A223M080AA

TDK Item Description : C1608X5R2A223MT\*\*\*\*

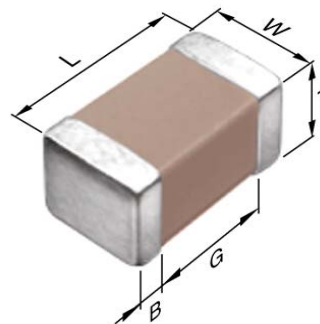


## Application & Main Feature

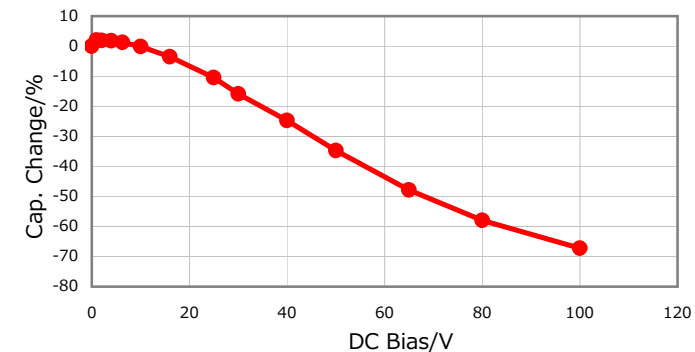
Commercial Grade ( Mid Voltage (100 to 630V) )

## Series

C1608 [EIA CC0603]



## DC Bias Characteristic



## Dimensions

L 1.60mm +/-0.1mm  
W 0.80mm +/-0.1mm  
T 0.80mm +/-0.1mm  
B 0.20mm Min.  
G 0.30mm Min.

## Temperature Characteristic

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

## Rated Voltage

2A (100Vdc)

## Capacitance

22nF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

3% Max.

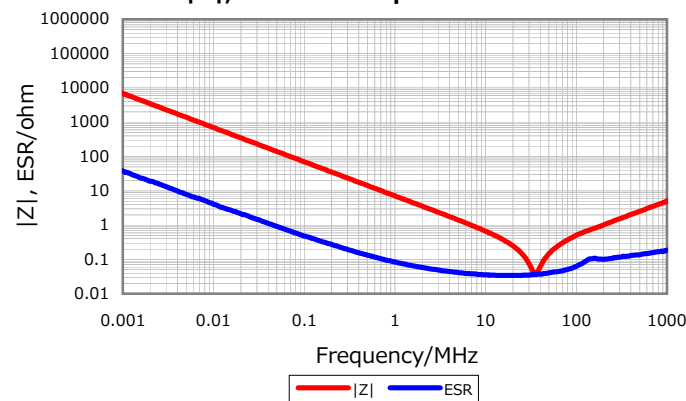
## Insulation Resistance

10Gohm Min.

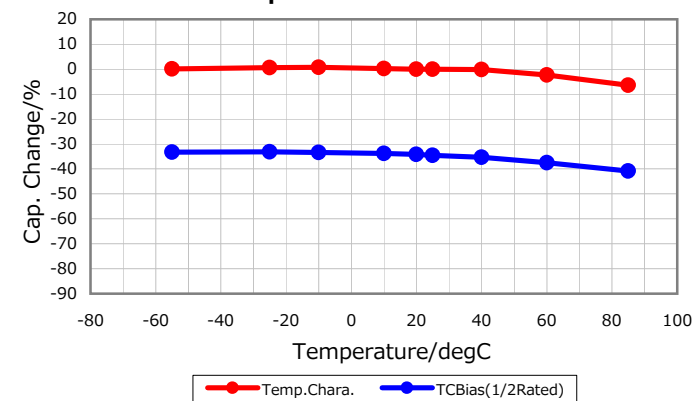
## AEC-Q200

Not Applicable

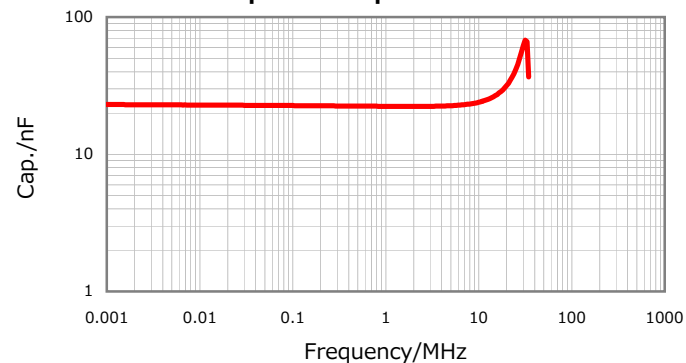
## |Z|, ESR vs. Freq. Characteristics



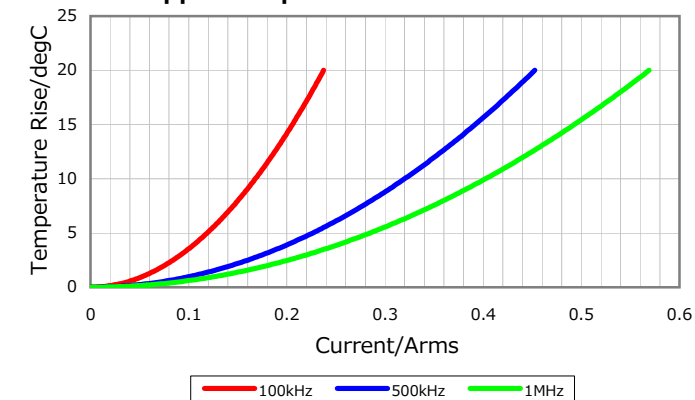
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 3, 2016