

# C1608X7R1E154M080AA

TDK Item Description : C1608X7R1E154MT\*\*\*\*



## Application & Main Feature

Commercial Grade ( General (Up to 50V) )

## Series

C1608 [EIA CC0603]

## 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

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

## Rated Voltage

1E (25Vdc)

## Capacitance

150nF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

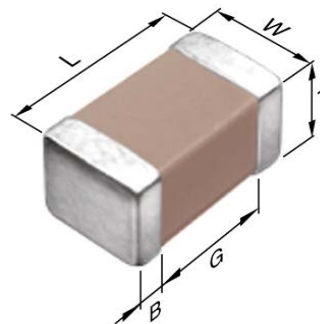
3% Max.

## Insulation Resistance

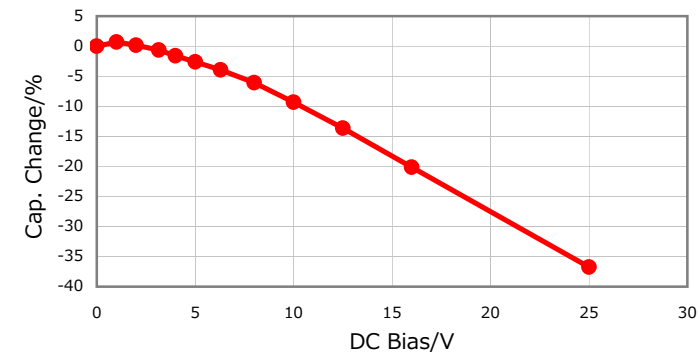
3.33Gohm Min.

## AEC-Q200

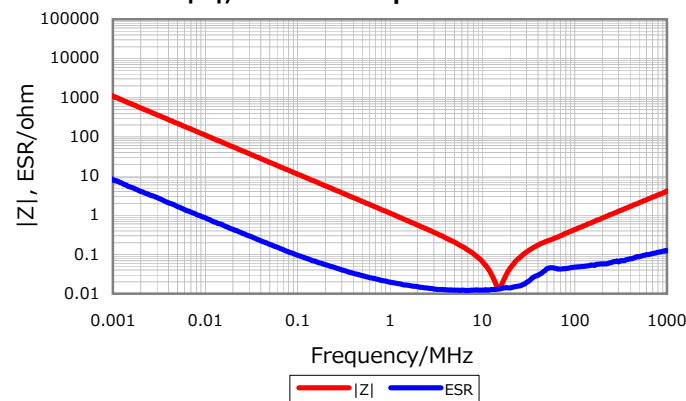
Not Applicable



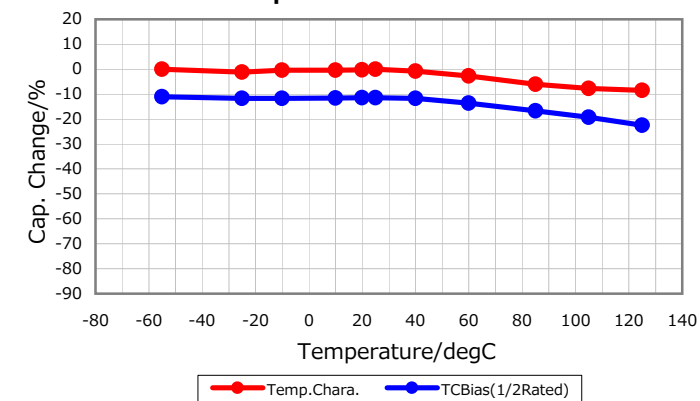
## DC Bias Characteristic



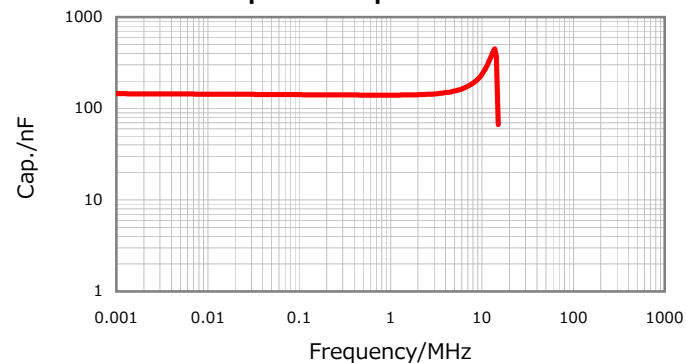
## |Z|, ESR vs. Freq. Characteristics



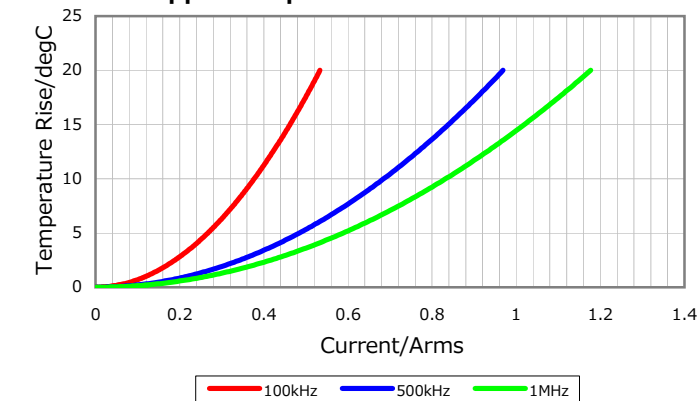
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 3, 2016