

# C0402X5R1A103M020BC

TDK Item Description : C0402X5R1A103MT\*\*\*\*



## Application & Main Feature

Commercial Grade ( General (Up to 50V) )

## Series

C0402 [EIA CC01005]

## Dimensions

L 0.40mm +/-0.02mm  
W 0.20mm +/-0.02mm  
T 0.20mm +/-0.02mm  
B 0.07mm Min.  
G 0.14mm Min.

## Temperature Characteristic

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

## Rated Voltage

1A (10Vdc)

## Capacitance

10nF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

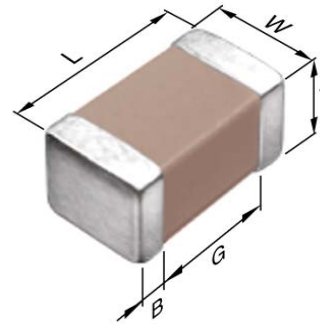
10% Max.

## Insulation Resistance

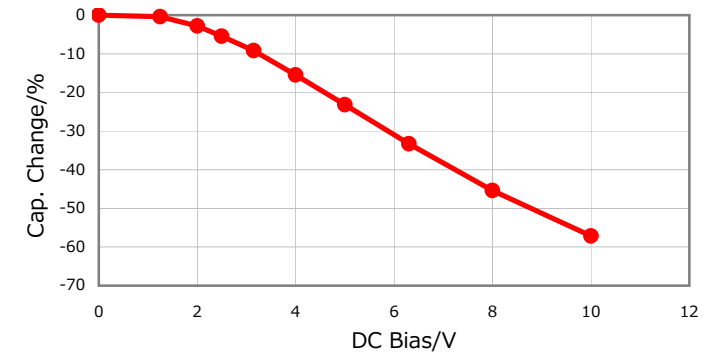
10Gohm Min.

## AEC-Q200

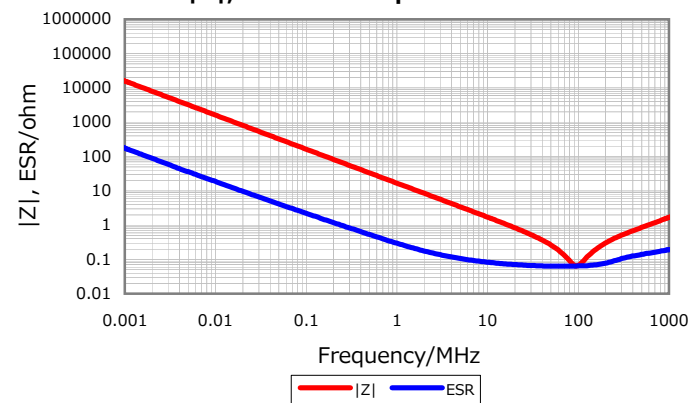
Not Applicable



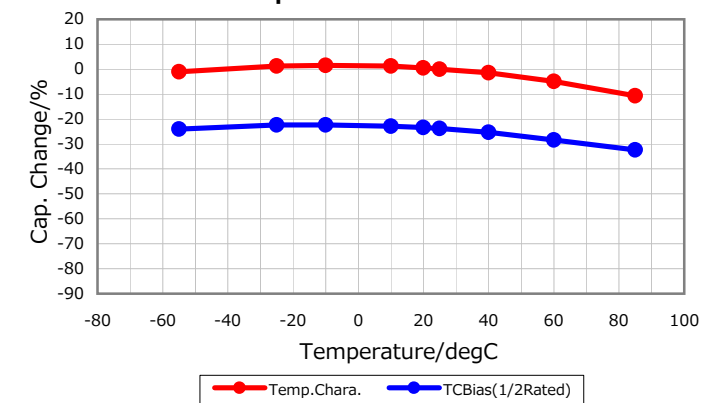
## DC Bias Characteristic



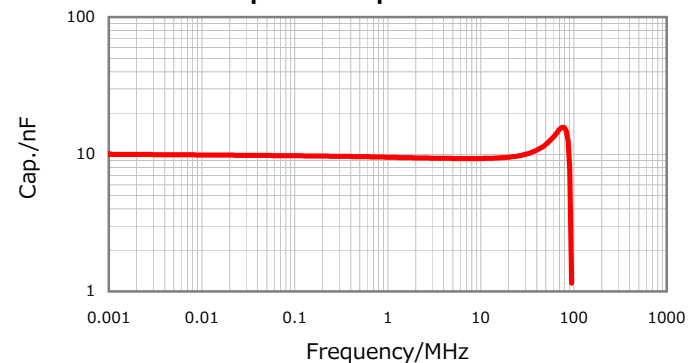
## |Z|, ESR vs. Freq. Characteristics



## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics

