

# C3216X8R1H105M160AB

TDK Item Description : C3216X8R1H105MT\*\*\*\*



## Application & Main Feature

Commercial Grade ( High Temperature Application )

## Series

C3216 [EIA CC1206]

## Dimensions

L 3.20mm +/-0.2mm  
W 1.60mm +/-0.2mm  
T 1.60mm +/-0.2mm  
B 0.20mm Min.  
G 1.00mm Min.

## Temperature Characteristic

X8R (-55 to 150 degC +/-15%)

## Rated Voltage

1H (50Vdc)

## Capacitance

1uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

3% Max.

## Insulation Resistance

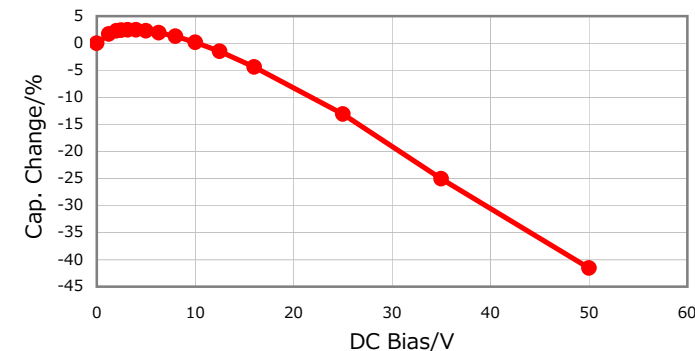
500Mohm Min.

## AEC-Q200

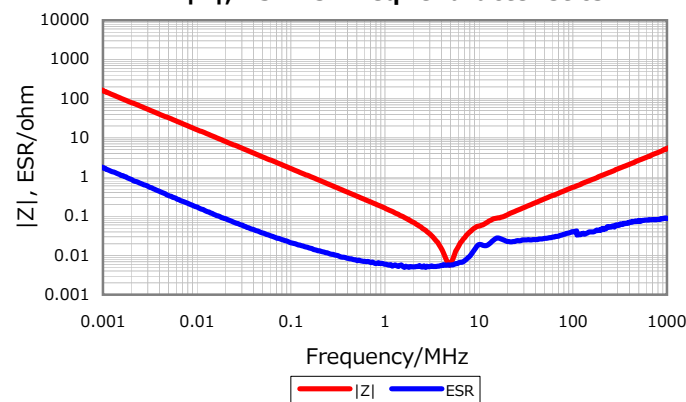
Not Applicable



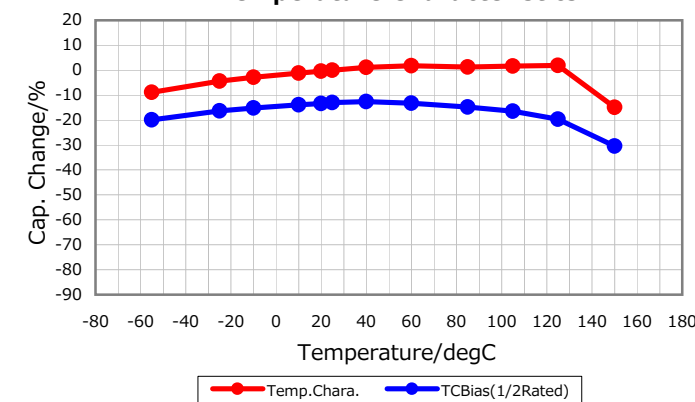
## DC Bias Characteristic



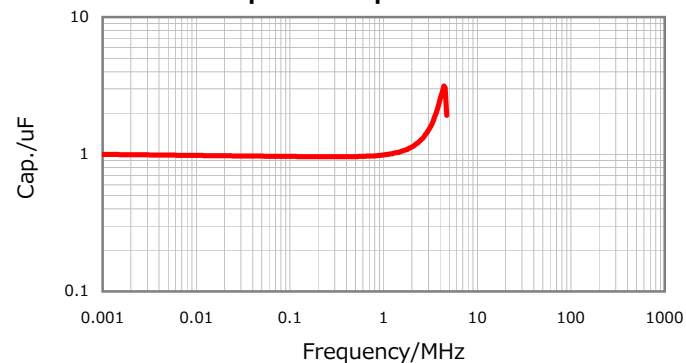
## |Z|, ESR vs. Freq. Characteristics



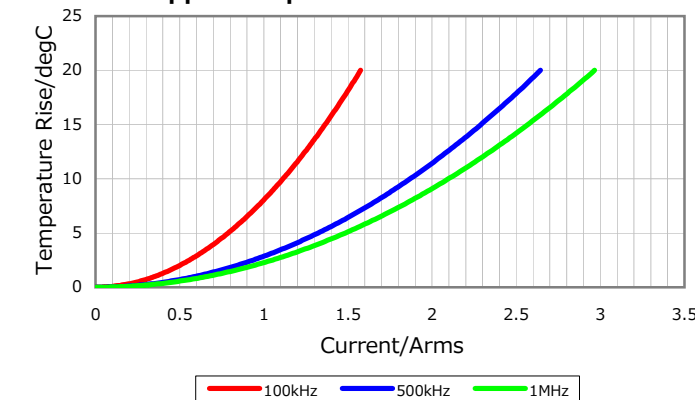
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 4, 2016