

# C3216X5R1H106M160AB

TDK Item Description : C3216X5R1H106MT\*\*\*\*



## Application & Main Feature

Commercial Grade ( General (Up to 50V) )

## 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

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

## Rated Voltage

1H (50Vdc)

## Capacitance

10uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

7.5% Max.

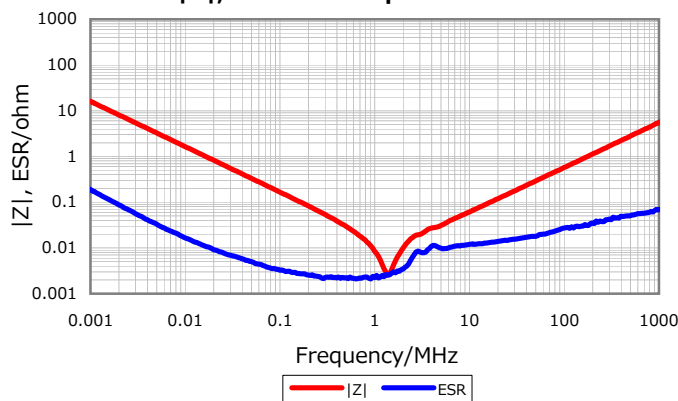
## Insulation Resistance

50Mohm Min.

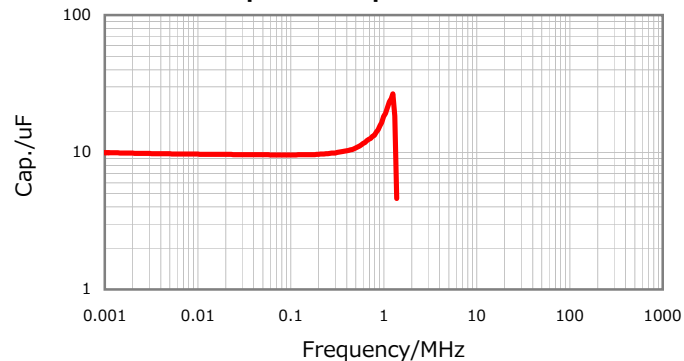
## AEC-Q200

Not Applicable

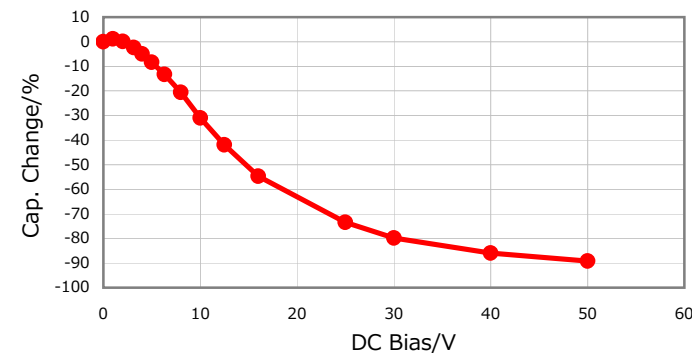
## |Z|, ESR vs. Freq. Characteristics



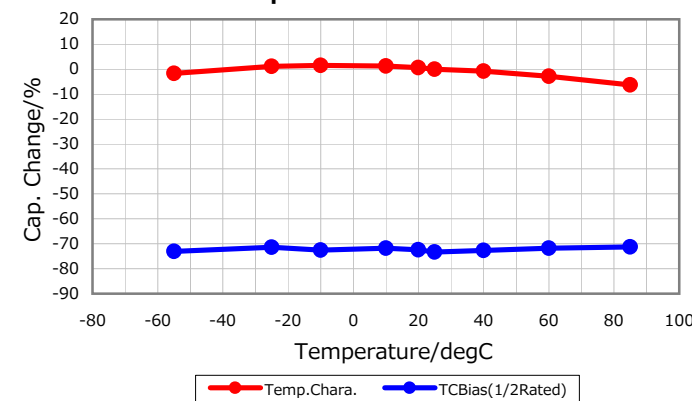
## Cap. vs. Freq. Characteristic



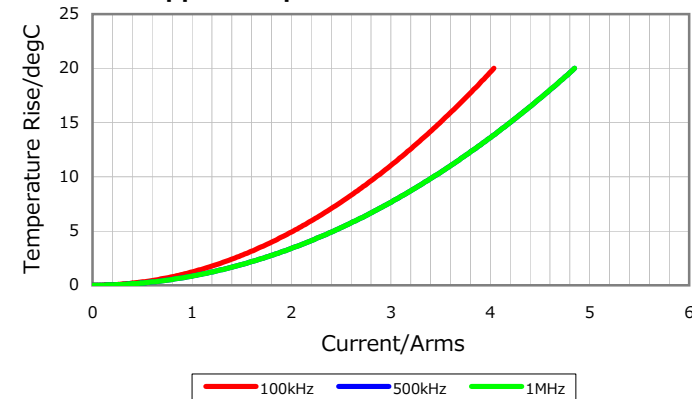
## DC Bias Characteristic



## Temperature Characteristic



## Ripple Temperature Rise Characteristic



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

September 28, 2013

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