

# C3216X7R2E683M160AA

TDK Item Description : C3216X7R2E683MT\*\*\*\*



## Application & Main Feature

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

## 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

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

## Rated Voltage

2E (250Vdc)

## Capacitance

68nF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

3% Max.

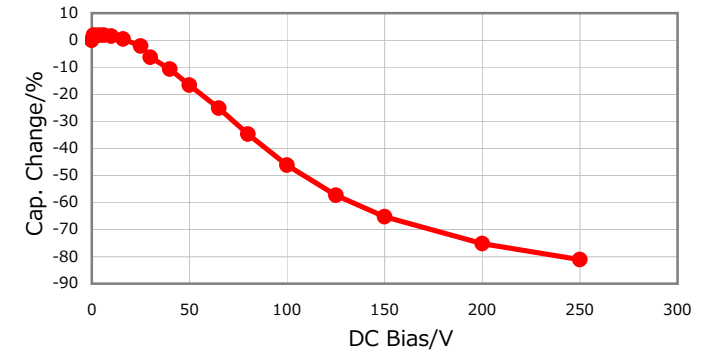
## Insulation Resistance

7.35Gohm Min.

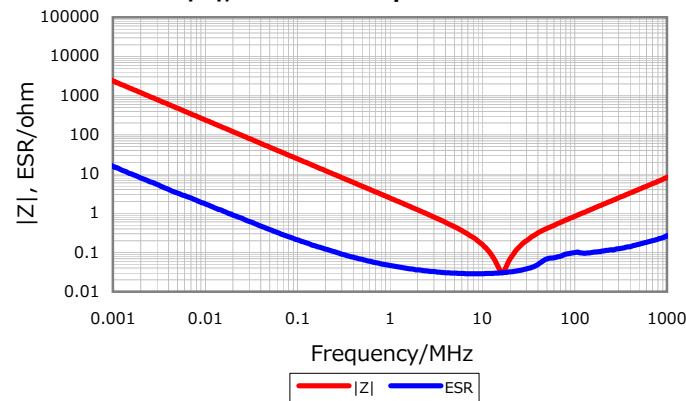
## AEC-Q200

Not Applicable

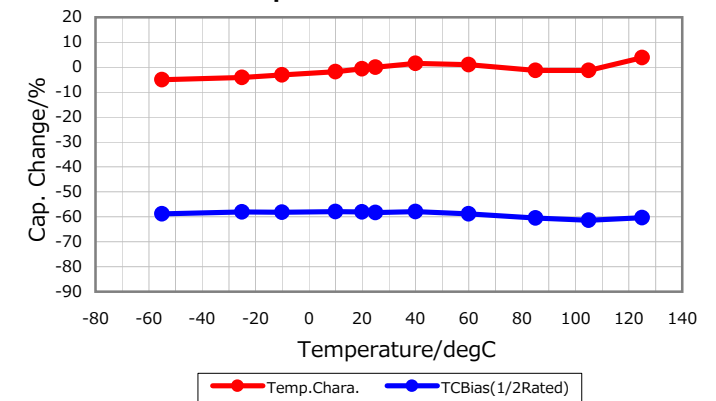
## DC Bias Characteristic



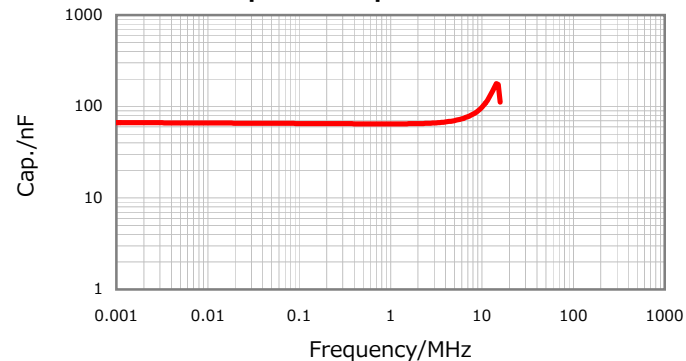
## |Z|, ESR vs. Freq. Characteristics



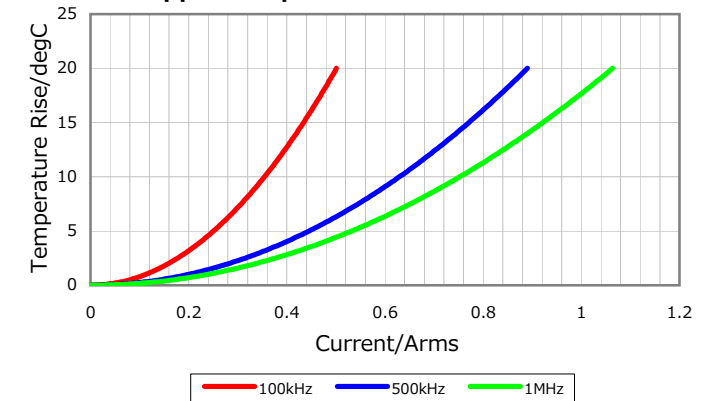
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 3, 2016