

# C3216NP01H683J160AA

TDK Item Description : C3216NP01H683JT\*\*\*\*



## Application & Main Feature

Commercial Grade ( High Temperature Application )

## Series

C3216 [EIA 1206]



## Dimensions

L	3.20mm ±0.20mm
W	1.60mm ±0.20mm
T	1.60mm ±0.20mm
B	0.20mm Min.
G	1.00mm Min.

## Temperature Characteristic

NP0 (-55 to 150 degC 0+/-30ppm/degC)

## Rated Voltage

1H(50Vdc)

## Capacitance

68nF

## Capacitance Tolerance

J (±5%)

## Q Factor

1000 Min.

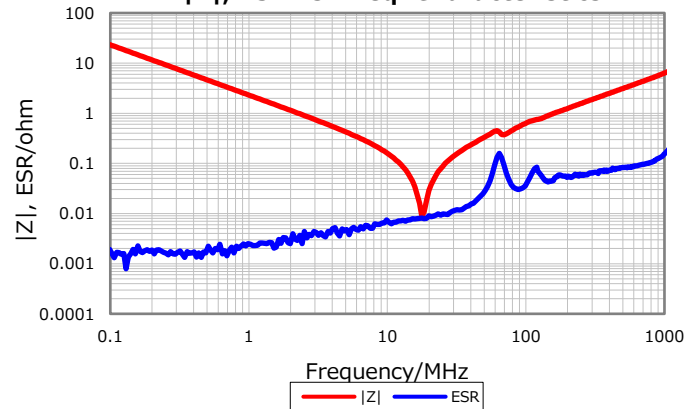
## Insulation Resistance

7.352Gohm Min

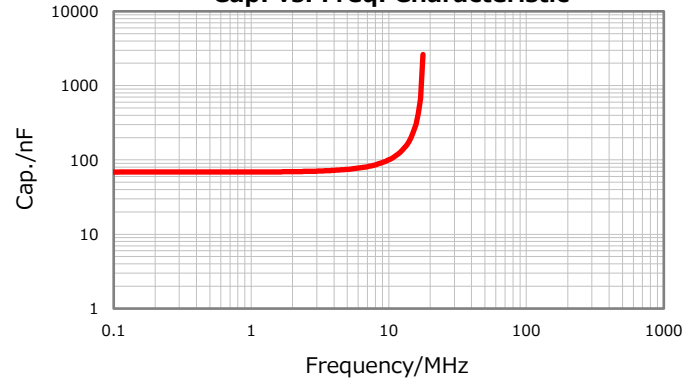
## AEC-Q200

Not Applicable

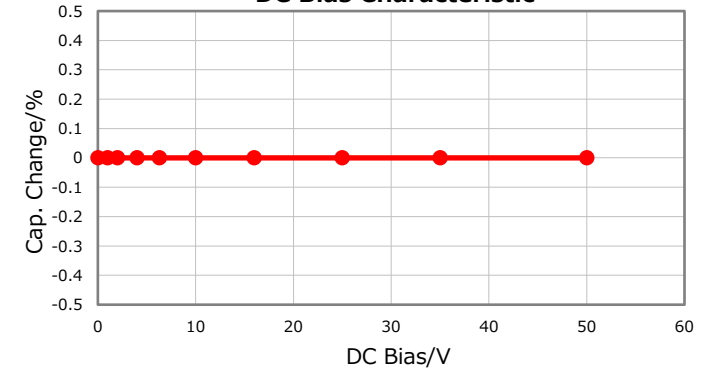
## |Z|, ESR vs. Freq. Characteristics



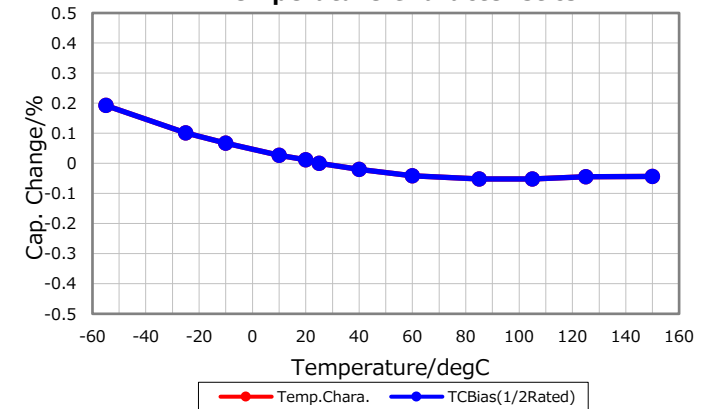
## Cap. vs. Freq. Characteristic



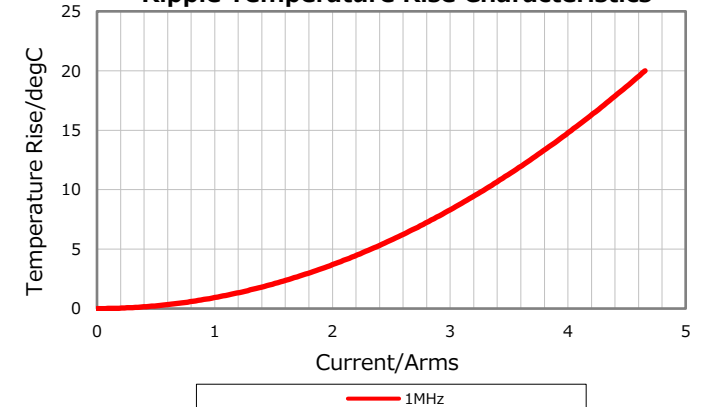
## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

May 22, 2019