

# C3216X7R1A106K085AC

TDK Item Description : C3216X7R1A106KT\*\*\*\*



## Application & Main Feature

Commercial Grade ( General (Up to 50V) )

## Series

C3216 [EIA 1206]



## Dimensions

L	3.20mm +/-0.2mm
W	3.20mm +/-0.2mm
T	0.85mm +/-0.15mm
B	0.20mm Min.
G	1.00mm Min.

## Temperature Characteristic

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

## Rated Voltage

1A (10Vdc)

## Capacitance

10uF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

10% Max.

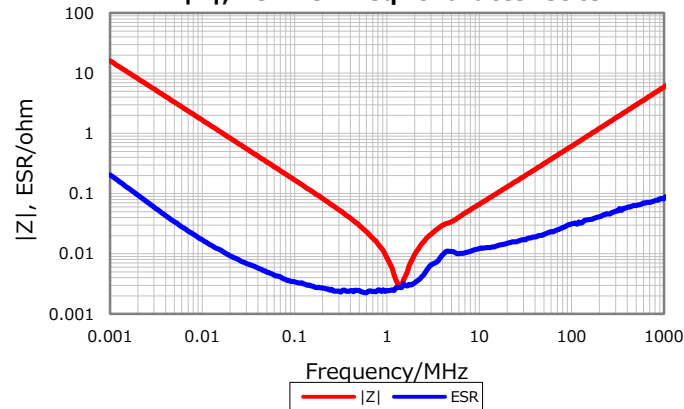
## Insulation Resistance

10Mohm Min.

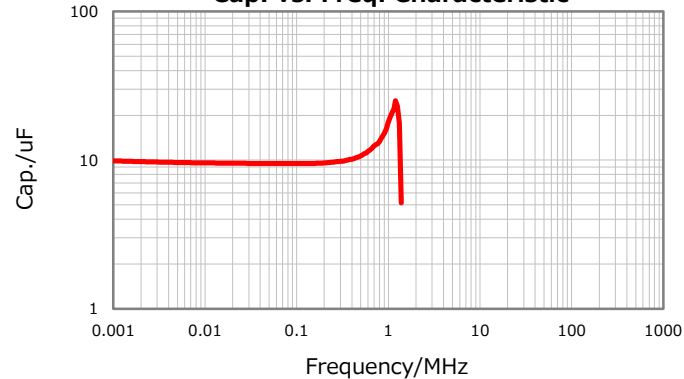
## AEC-Q200

Not Applicable

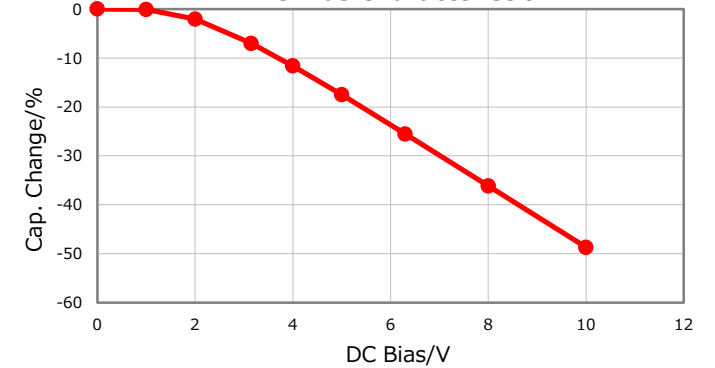
## |Z|, ESR vs. Freq. Characteristics



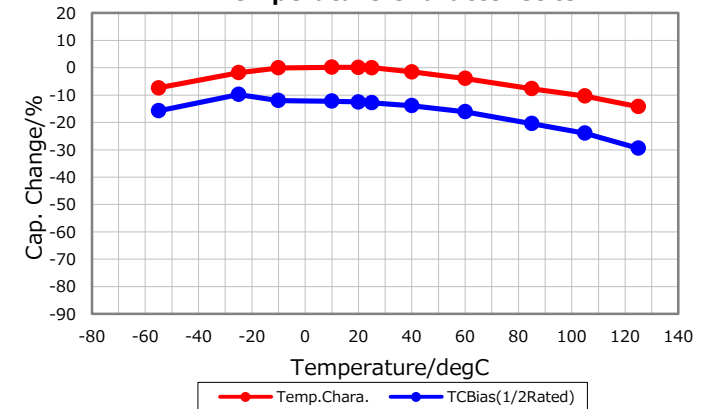
## Cap. vs. Freq. Characteristic



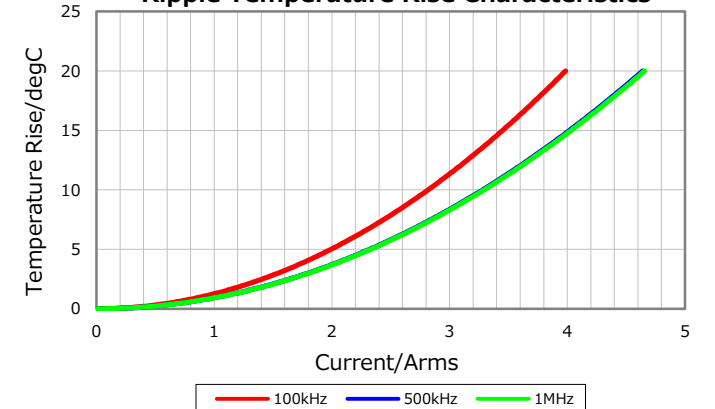
## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

August 21, 2018