

# C1608X8R2A103K080AA

TDK Item Description : C1608X8R2A103KT\*\*\*\*



## Application & Main Feature

Commercial Grade ( High Temperature Application )

## Series

C1608 [EIA CC0603]



## Dimensions

L	1.60mm	+/-0.1mm
W	0.80mm	+/-0.1mm
T	0.80mm	+/-0.1mm
B	0.20mm	Min.
G	0.30mm	Min.

## Temperature Characteristic

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

## Rated Voltage

2A (100Vdc)

## Capacitance

10nF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

3% Max.

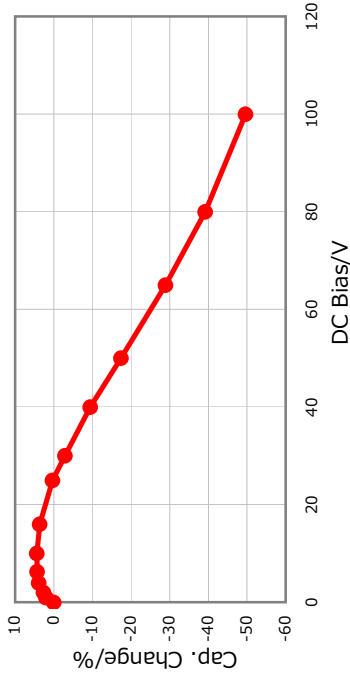
## Insulation Resistance

10Gohm Min.

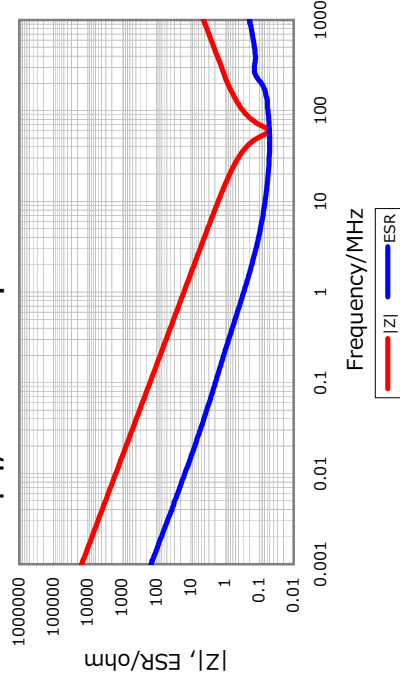
## AEC-Q200

Not Applicable

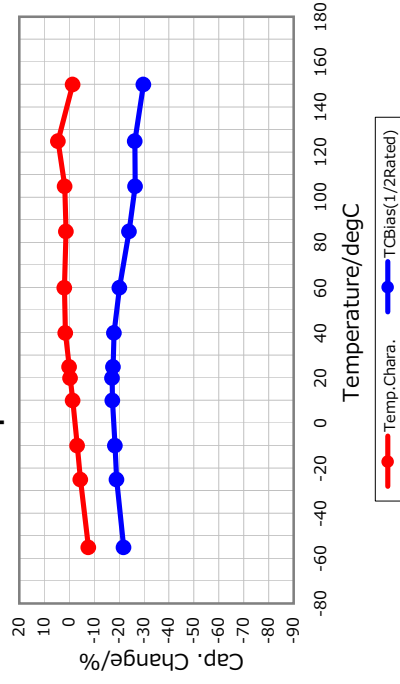
## DC Bias Characteristic



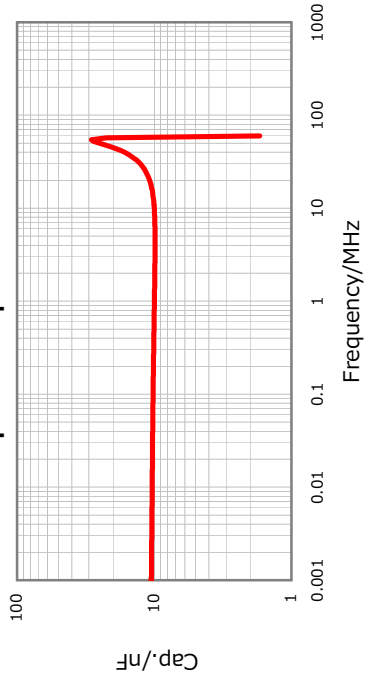
## |Z|, ESR vs. Freq. Characteristics



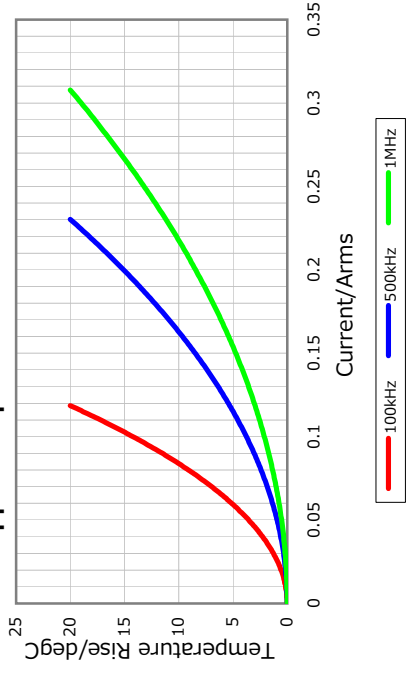
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 3, 2016