

# C1608JB1C684K080AA

TDK Item Description : C1608JB1C684KT\*\*\*



## Application & Main Feature

Commercial Grade ( General (Up to 50V) )

## 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

JB (-25 to 85 degC +/-10%)

## Rated Voltage

1C (16Vdc)

## Capacitance

680nF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

5% Max.

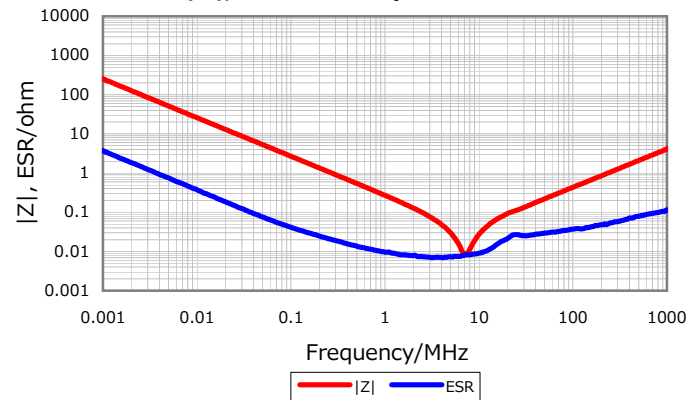
## Insulation Resistance

147Mohm Min.

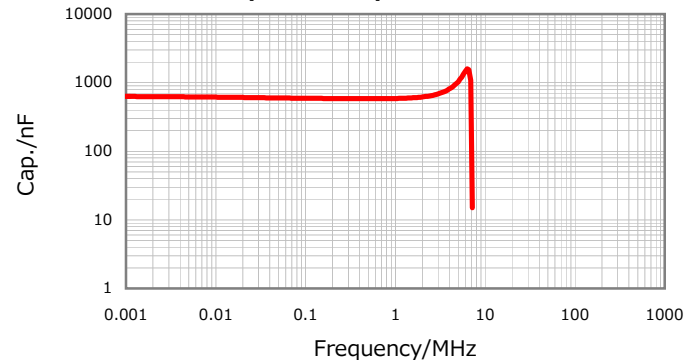
## AEC-Q200

Not Applicable

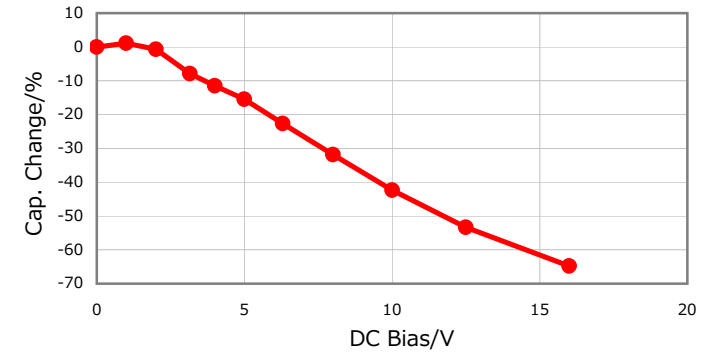
## |Z|, ESR vs. Freq. Characteristics



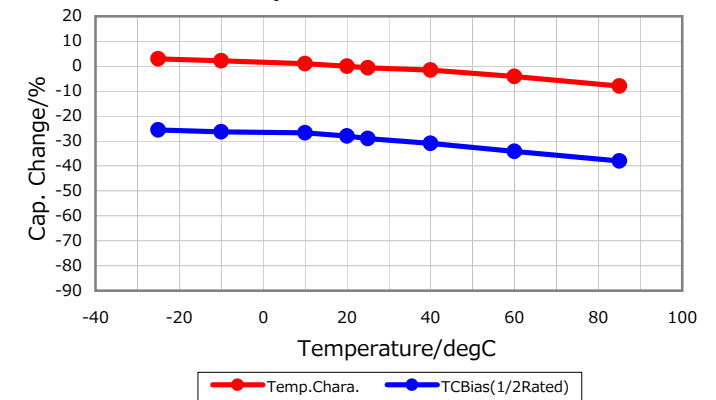
## Cap. vs. Freq. Characteristic



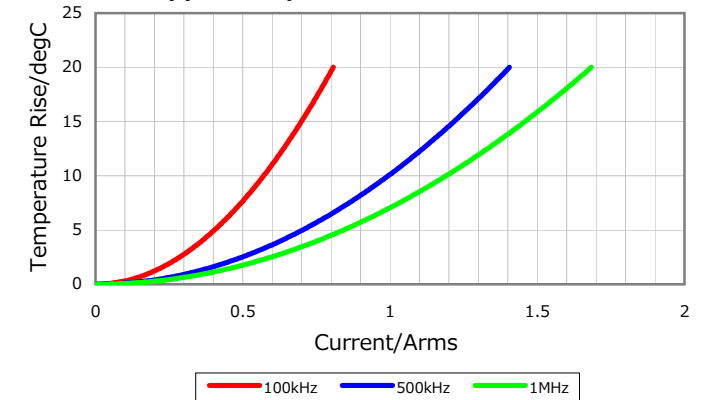
## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 3, 2016