

C1608JB1A684K080AC

TDK Item Description : C1608JB1A684KT***



Application & Main Feature

Commercial Grade (General (Up to 50V))

Series

C1608 [EIA CC0603]



Dimensions

L 1.60mm +0.15,-0.1mm
 W 0.80mm +0.15,-0.1mm
 T 0.80mm +0.15,-0.1mm
 B 0.20mm Min.
 G 0.30mm Min.

Temperature Characteristic

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

Rated Voltage

1A (10Vdc)

Capacitance

680nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

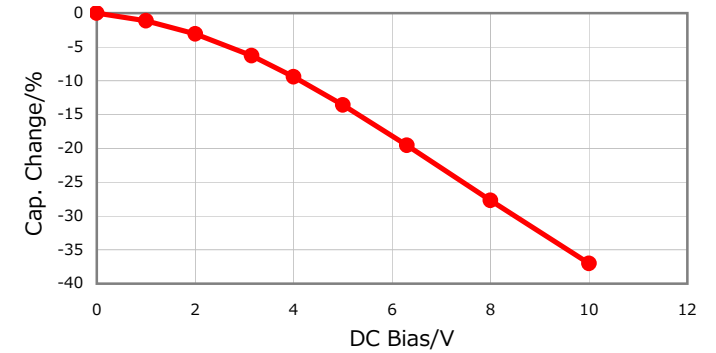
Insulation Resistance

147Mohm Min.

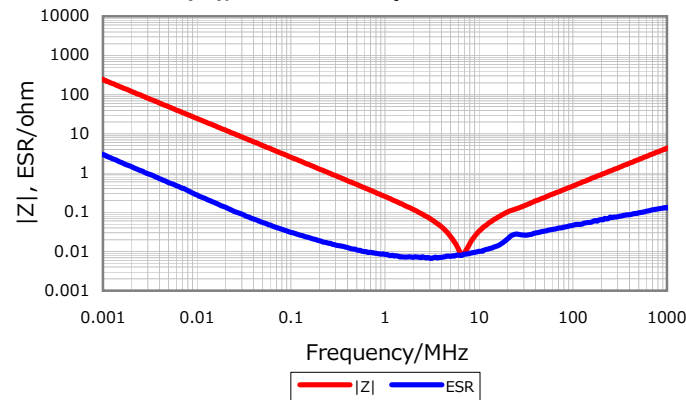
AEC-Q200

Not Applicable

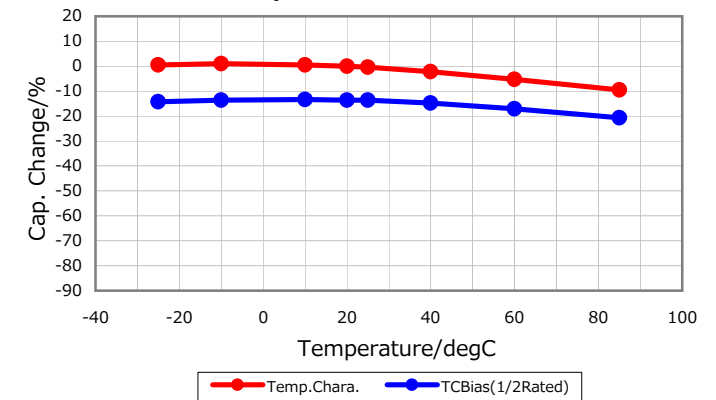
DC Bias Characteristic



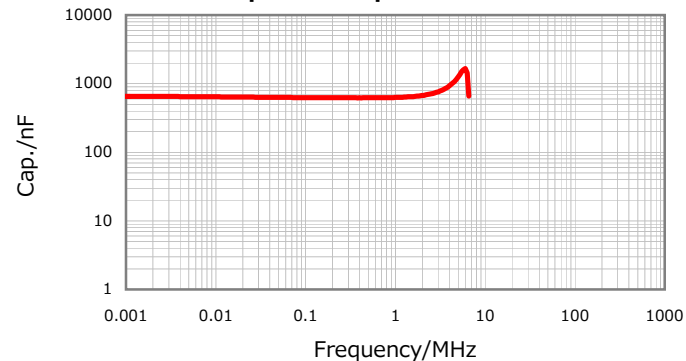
|Z|, ESR vs. Freq. Characteristics



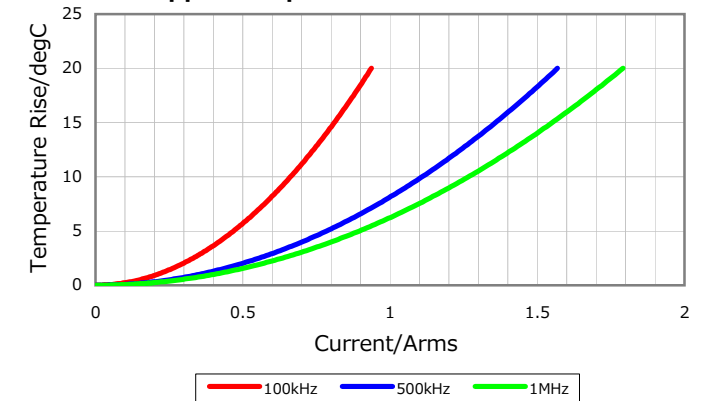
Temperature Characteristics



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