

C1608X7R1A684M080AC

TDK Item Description : C1608X7R1A684MT****



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

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

Rated Voltage

1A (10Vdc)

Capacitance

680nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

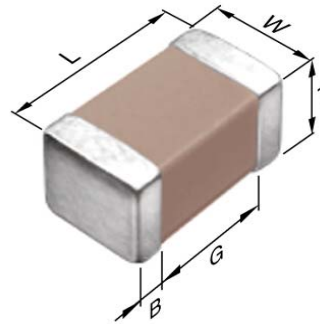
5% Max.

Insulation Resistance

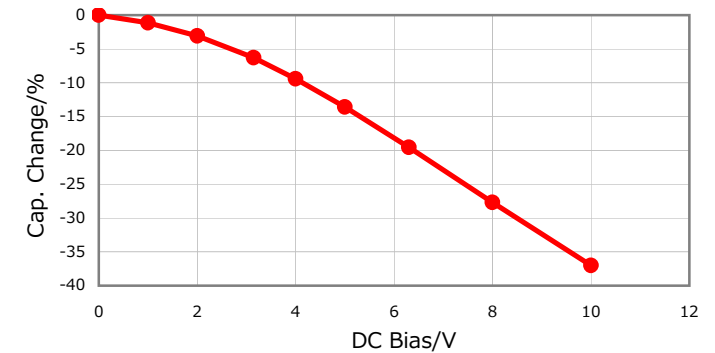
147Mohm Min.

AEC-Q200

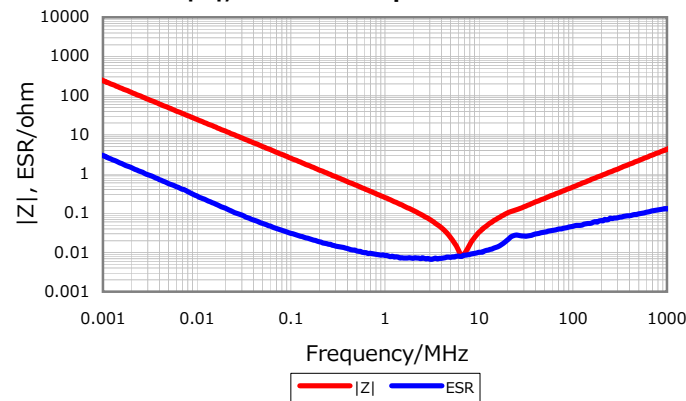
Not Applicable



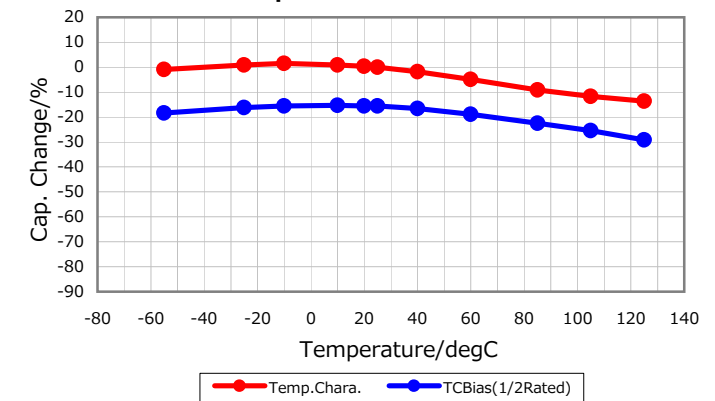
DC Bias Characteristic



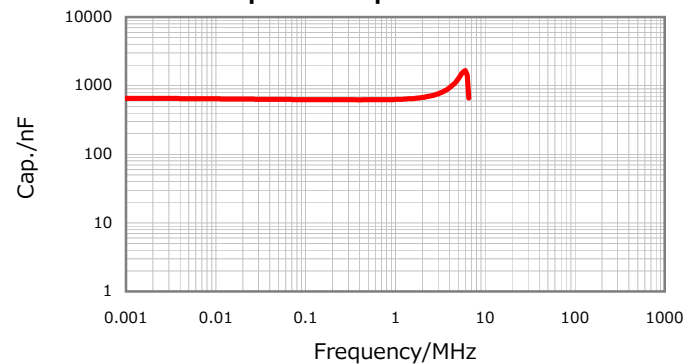
|Z|, ESR vs. Freq. Characteristics



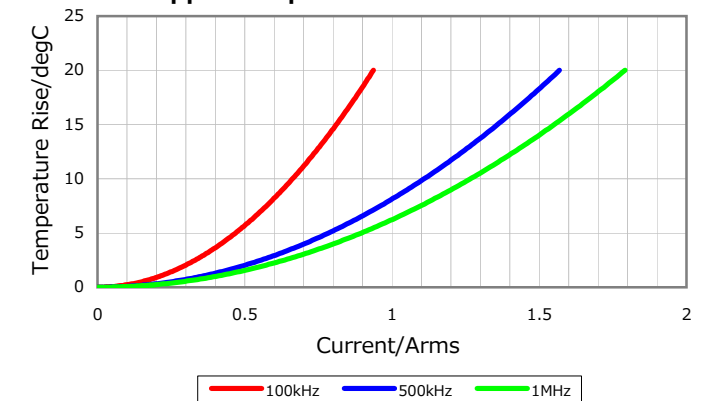
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 3, 2016