

C1608X7S2A473K080AB

TDK Item Description : C1608X7S2A473KT****



Application & Main Feature

Commercial Grade (Mid Voltage (100 to 630V))

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

X7S (-55 to 125 degC +/-22%)

Rated Voltage

2A (100Vdc)

Capacitance

47nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

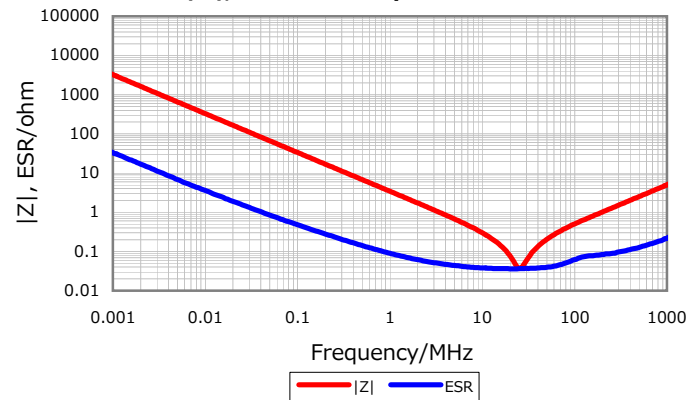
Insulation Resistance

10Gohm Min.

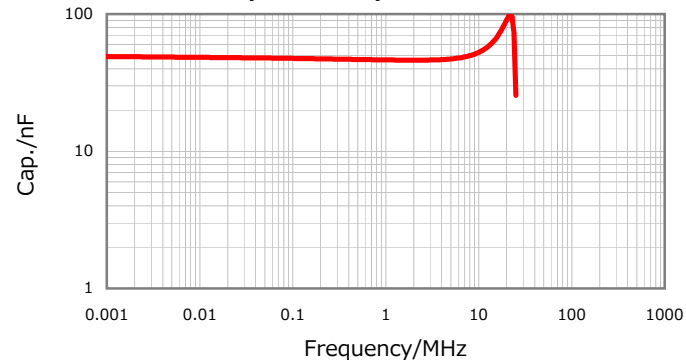
AEC-Q200

Not Applicable

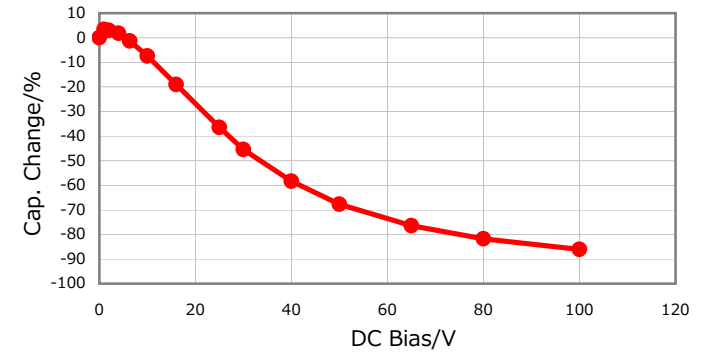
|Z|, ESR vs. Freq. Characteristics



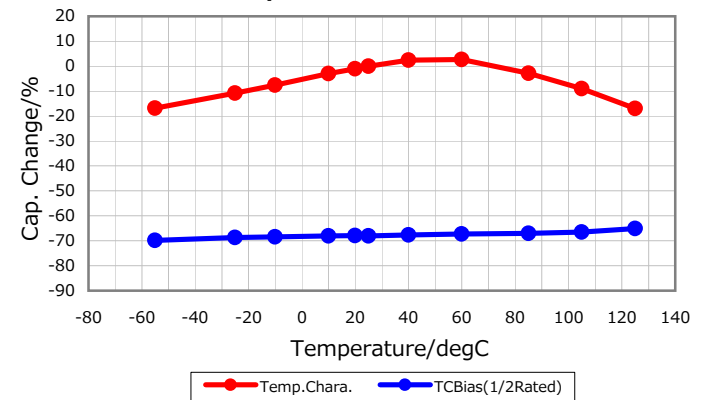
Cap. vs. Freq. Characteristic



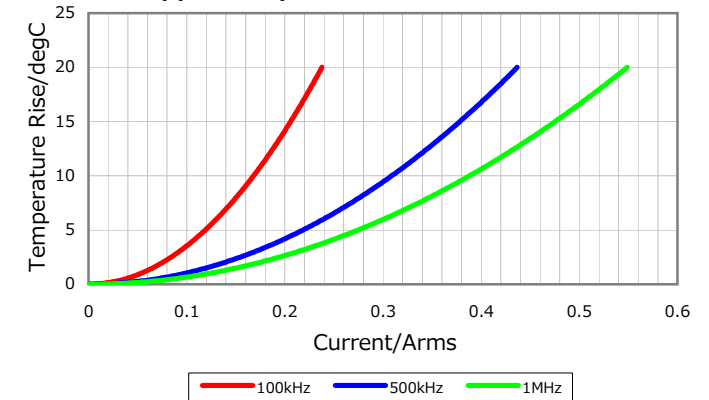
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 3, 2016