

C1608X6S1C475M080AC

TDK Item Description : C1608X6S1C475MT****



Application & Main Feature

Commercial Grade (General (Up to 50V))

Series

C1608 [EIA CC0603]

Dimensions

L 1.60mm +0.2,-0.1mm
W 0.80mm +0.2,-0.1mm
T 0.80mm +0.2,-0.1mm
B 0.20mm Min.
G 0.30mm Min.

Temperature Characteristic

X6S (-55 to 105 degC +/-22%)

Rated Voltage

1C (16Vdc)

Capacitance

4.7uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

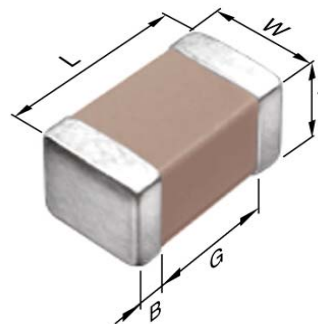
10% Max.

Insulation Resistance

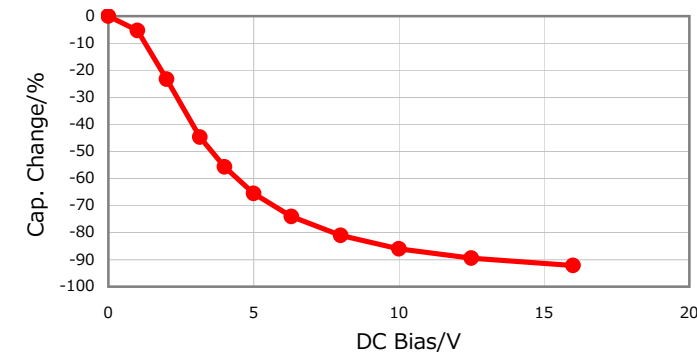
21Mohm Min.

AEC-Q200

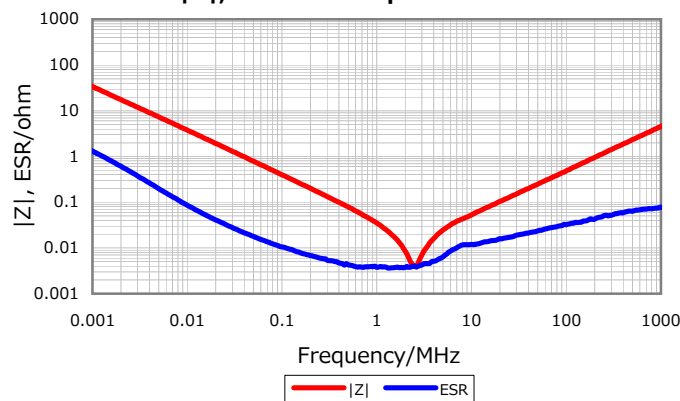
Not Applicable



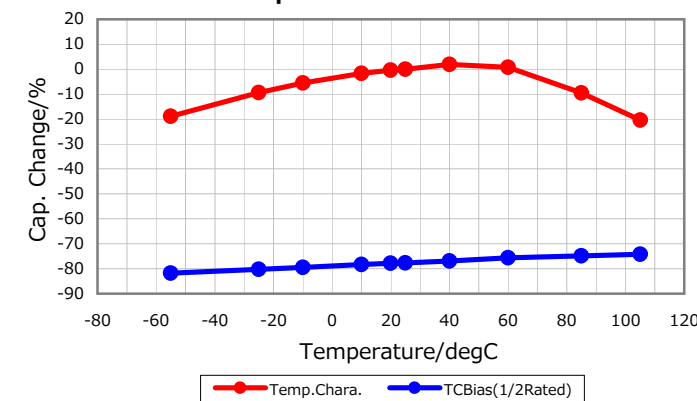
DC Bias Characteristic



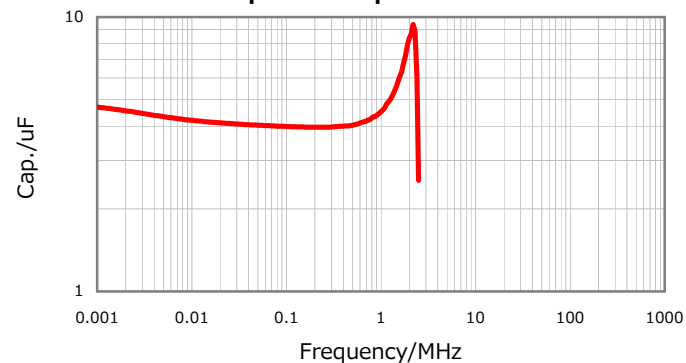
|Z|, ESR vs. Freq. Characteristics



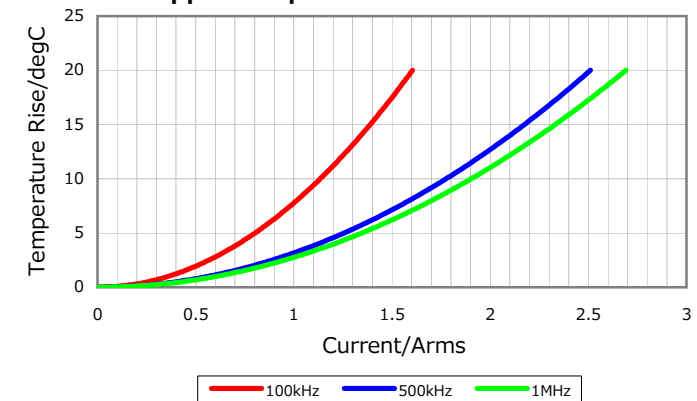
Temperature Characteristic



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristic



All specifications are subject to change without notice.

September 28, 2013

Mouser Electronics

Authorized Distributor

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