

C1608X8R1C474M080AB

TDK Item Description : C1608X8R1C474MT****



Application & Main Feature

Commercial Grade (High Temperature Application)

Series

C1608 [EIA 0603]

Dimensions

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

Temperature Characteristic

X8R (-55 to 150 deg +/-15%)

Rated Voltage

1C (16Vdc)

Capacitance

470nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

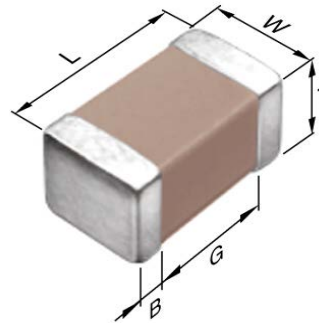
5% Max.

Insulation Resistance

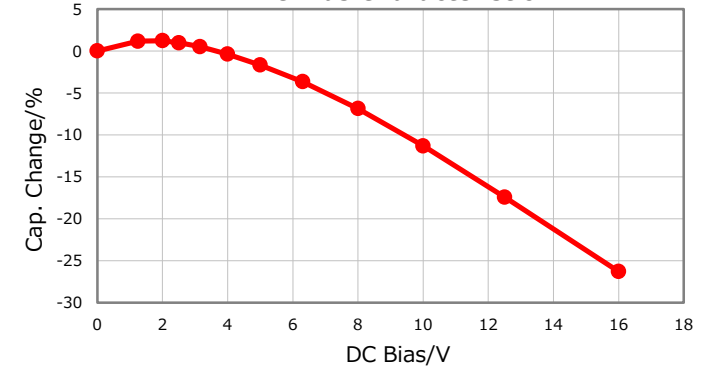
212Mohm Min.

AEC-Q200

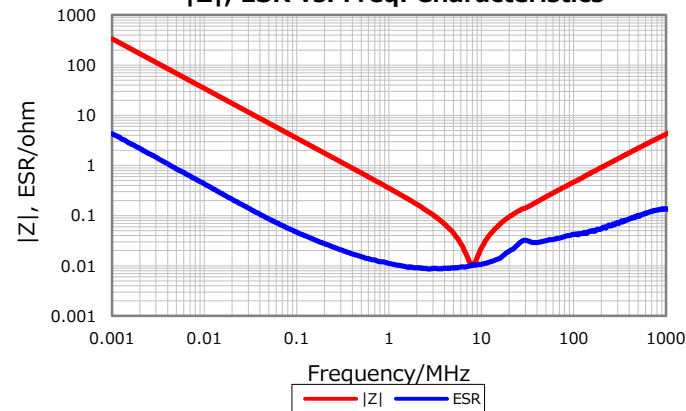
Not Applicable



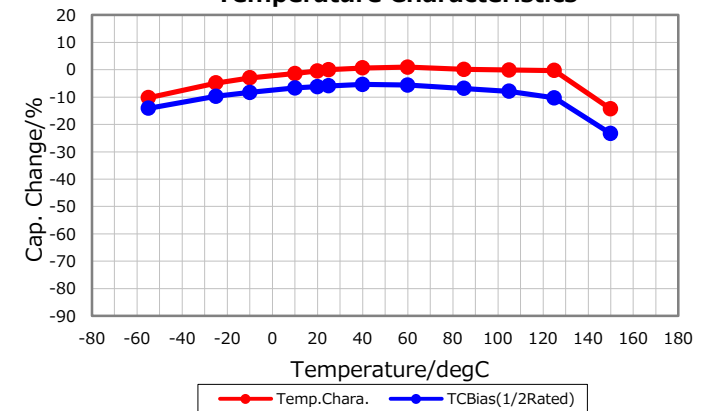
DC Bias Characteristic



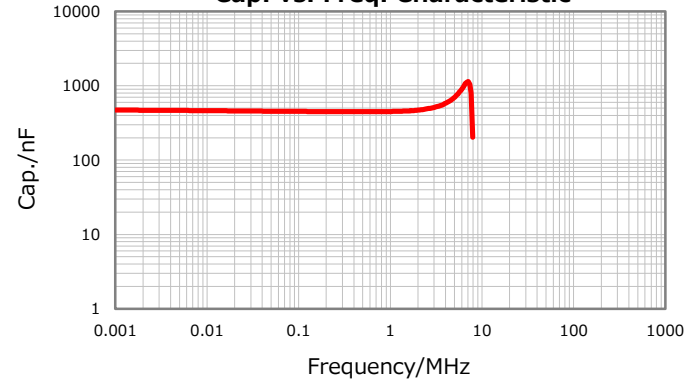
|Z|, ESR vs. Freq. Characteristics



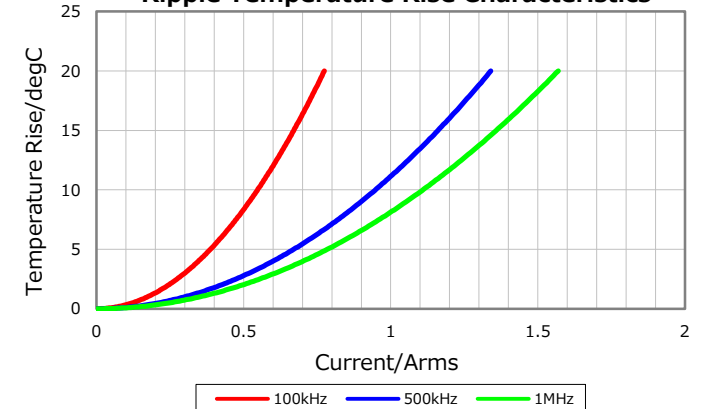
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

June 5, 2018