

C1608X8R1C334M080AB

TDK Item Description : C1608X8R1C334MT****

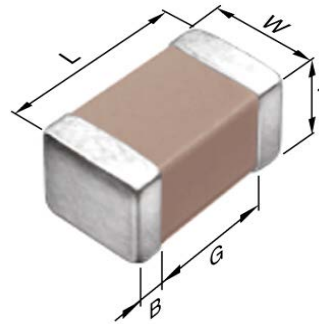


Application & Main Feature

Commercial Grade (High Temperature Application)

Series

C1608 [EIA 0603]



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

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

Rated Voltage

1C (16Vdc)

Capacitance

330nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

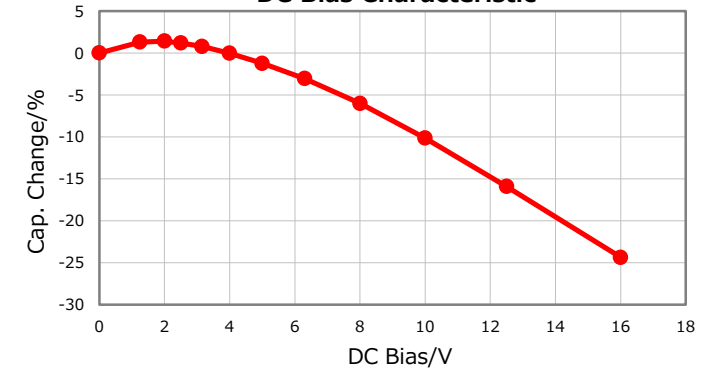
Insulation Resistance

303Mohm Min.

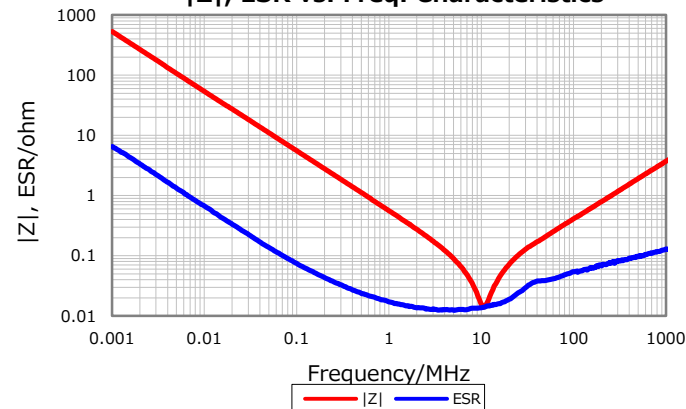
AEC-Q200

Not Applicable

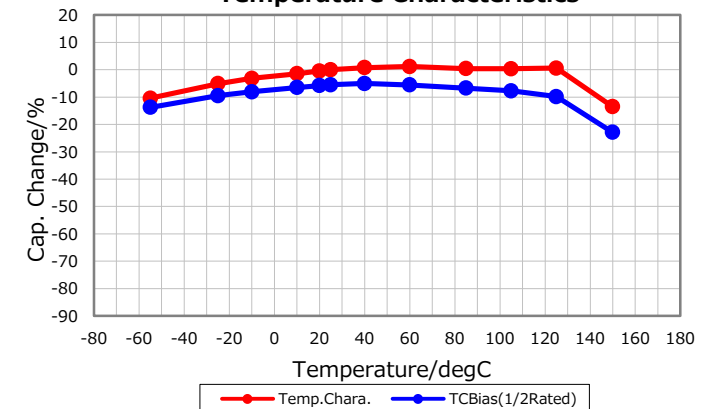
DC Bias Characteristic



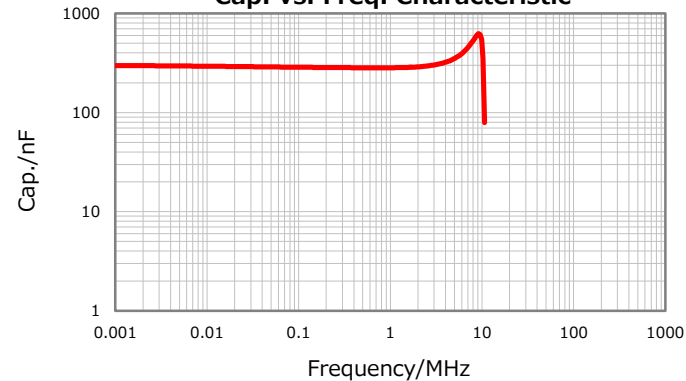
|Z|, ESR vs. Freq. Characteristics



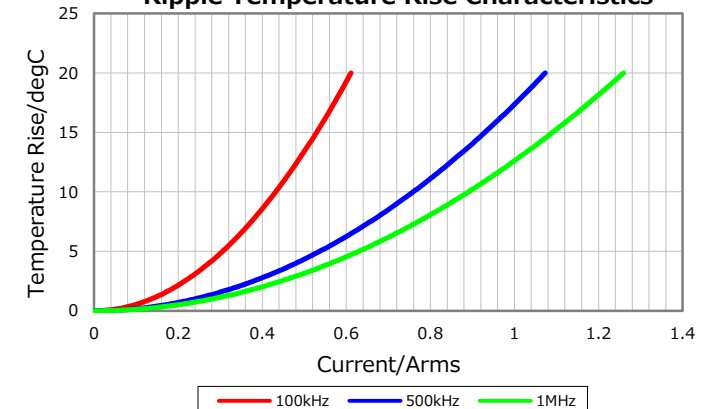
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

June 5, 2018