

C1608X5R1V475K080AC

TDK Item Description : C1608X5R1V475KT****

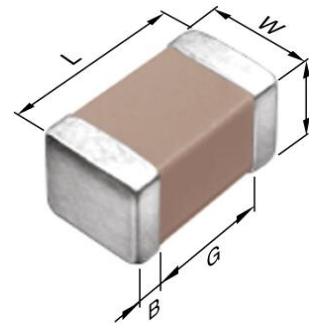


Application & Main Feature

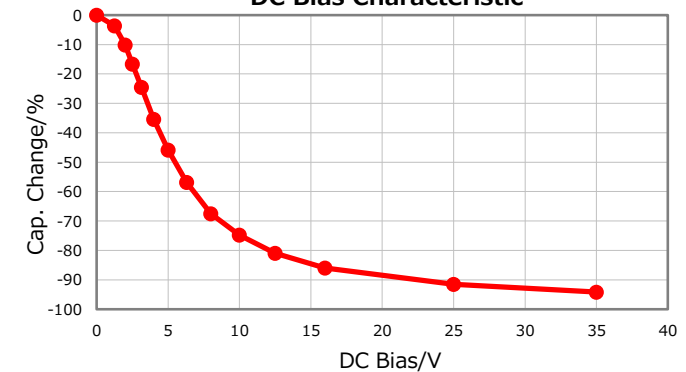
Commercial Grade (General (Up to 50V))

Series

C1608 [EIA CC0603]



DC Bias Characteristic



Dimensions

L	1.60±0.20
W	0.80±0.20
T	0.80±0.20
B	0.20mm Min.
G	0.30mm Min.

Temperature Characteristic

X5R (-55 to 85 degC +/-15%)

Rated Voltage

1V (35Vdc)

Capacitance

4.7uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

10% Max.

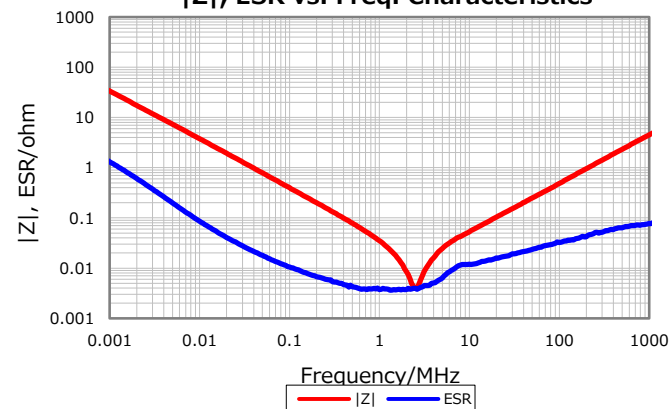
Insulation Resistance

106Mohm Min.

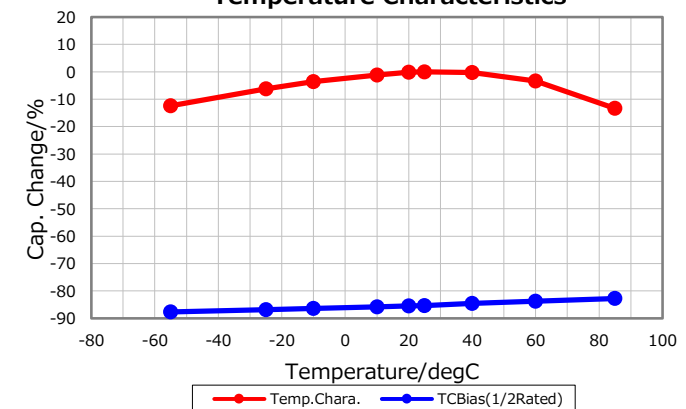
AEC-Q200

Not Applicable

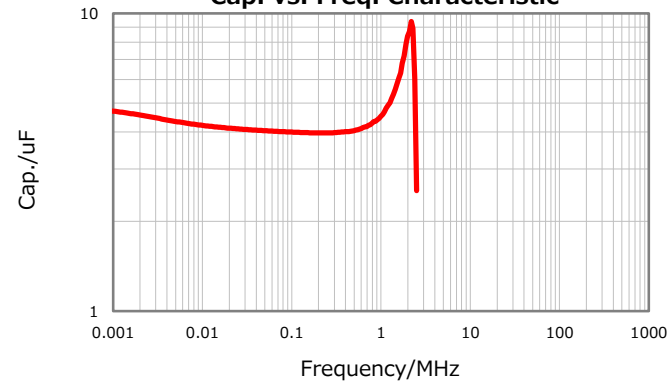
|Z|, ESR vs. Freq. Characteristics



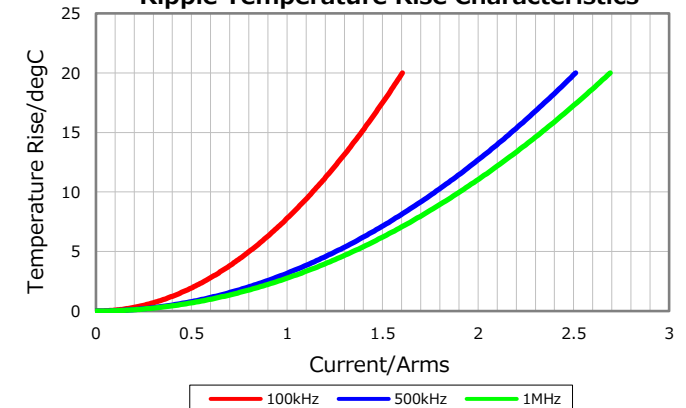
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

August 17, 2020