

C2012X7S1C685M125AC

TDK item description : C2012X7S1C685MT****

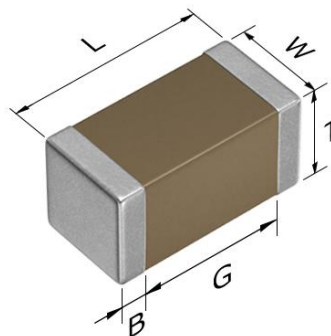


Application & Main Feature

Commercial grade (General type)

Series

C2012 [EIA 0805]



Dimensions

L 2.00±0.20 mm
W 1.25±0.20 mm
T 1.25±0.20 mm
B 0.20 mm min.
G 0.50 mm min.

Temperature Characteristic

X7S (-55 to +125 degC, ±22%)

Rated Voltage

1C (16Vdc)

Capacitance

6.8μF

Capacitance Tolerance

M (±20%)

DF

7.5 % max.

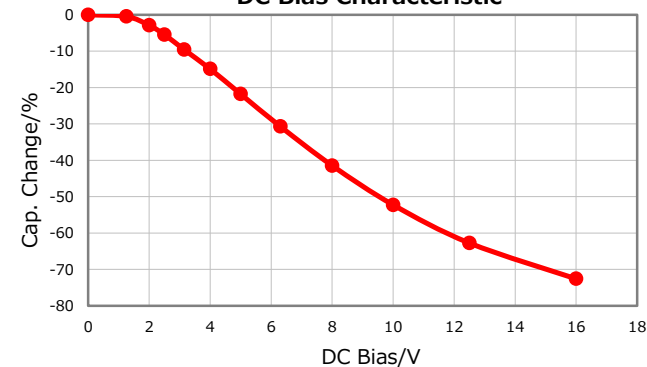
Insulation Resistance

14 Mohm min.

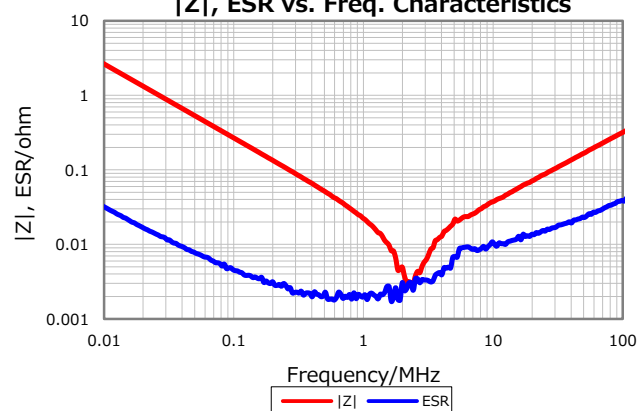
AEC-Q200

Not Applicable

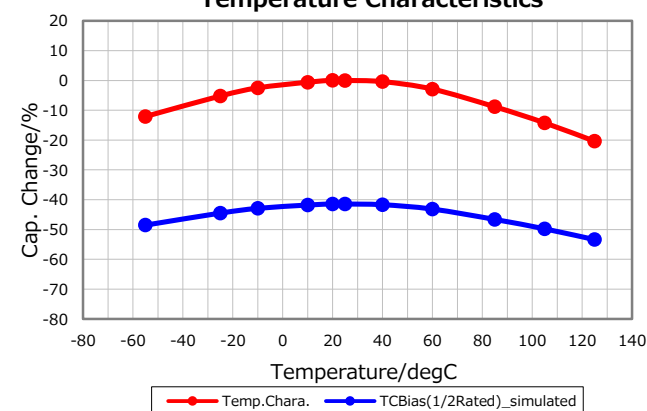
DC Bias Characteristic



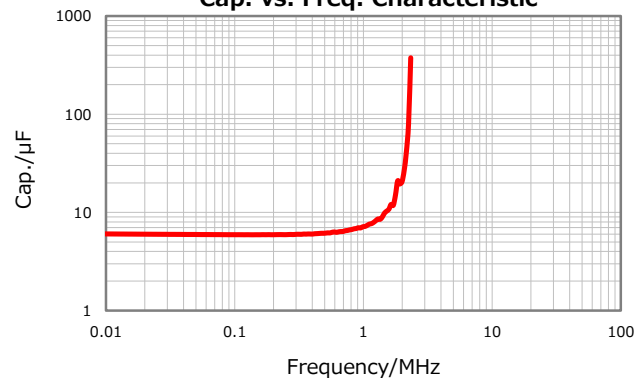
|Z|, ESR vs. Freq. Characteristics



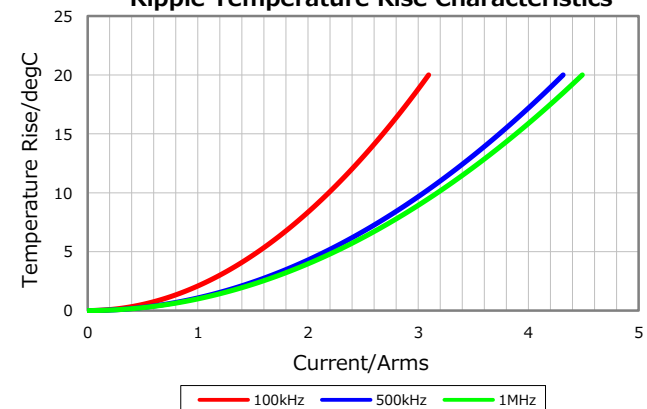
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 15, 2021