

C1005X6S1A225M050BC

TDK Item Description : C1005X6S1A225MT****

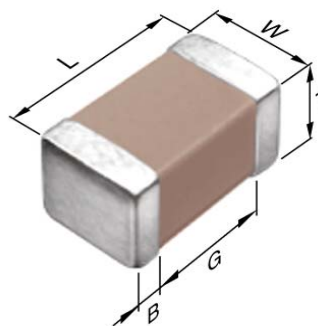


Application & Main Feature

Commercial Grade (General (Up to 50V))

Series

C1005 [EIA CC0402]



Dimensions

L 1.00mm +/-0.1mm
W 0.50mm +/-0.1mm
T 0.50mm +/-0.1mm
B 0.10mm Min.
G 0.30mm Min.

Temperature Characteristic

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

Rated Voltage

1A (10Vdc)

Capacitance

2.2uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

10% Max.

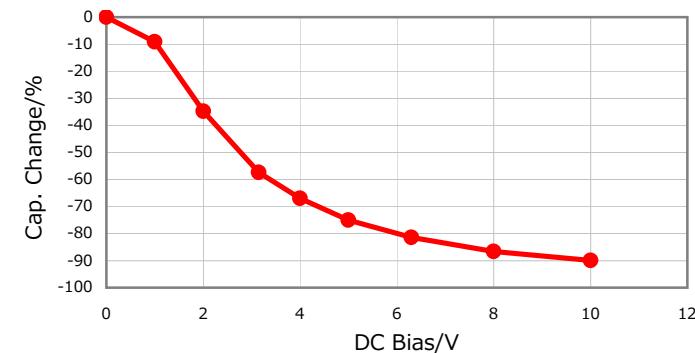
Insulation Resistance

45Mohm Min.

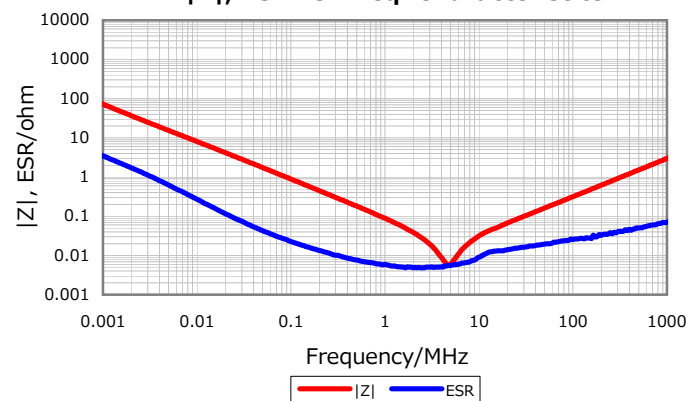
AEC-Q200

Not Applicable

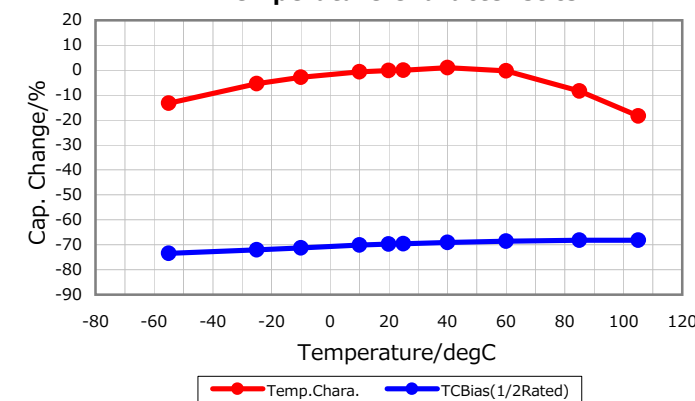
DC Bias Characteristic



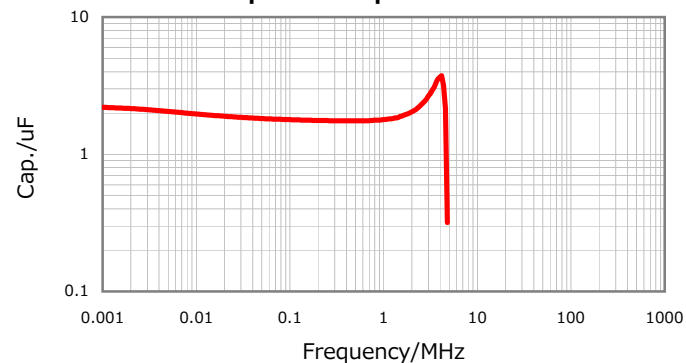
|Z|, ESR vs. Freq. Characteristics



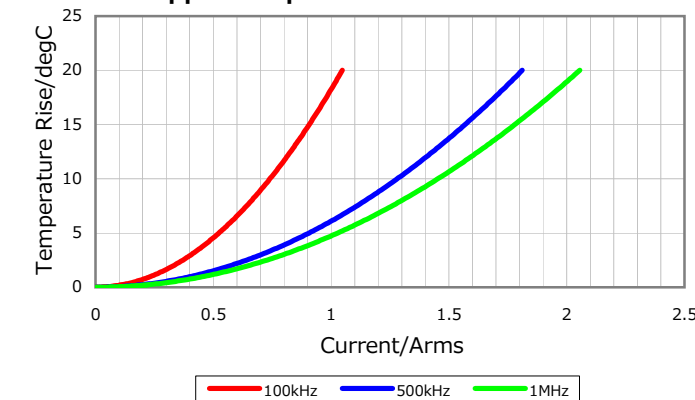
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 3, 2016