

C1005X6S1C225M050BC

TDK Item Description : C1005X6S1C225MT****



Application & Main Feature

Commercial Grade (General (Up to 50V))

Series

C1005 [EIA 0402]



Dimensions

L	1.00mm +0.15,-0.1mm
W	0.5mm +0.15,-0.1mm
T	0.5mm +0.15,-0.1mm
B	0.10mm Min.
G	0.30mm Min.

Temperature Characteristic

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

Rated Voltage

1C (16Vdc)

Capacitance

2.2uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

10% Max.

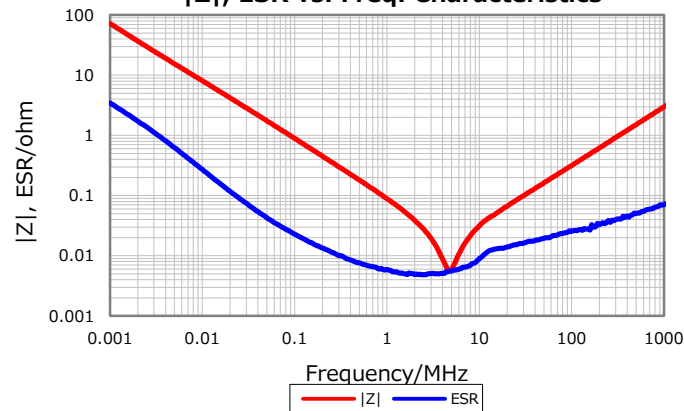
Insulation Resistance

45Mohm Min.

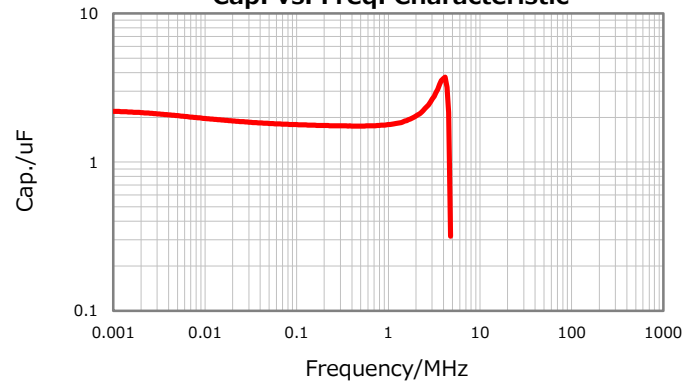
AEC-Q200

Not Applicable

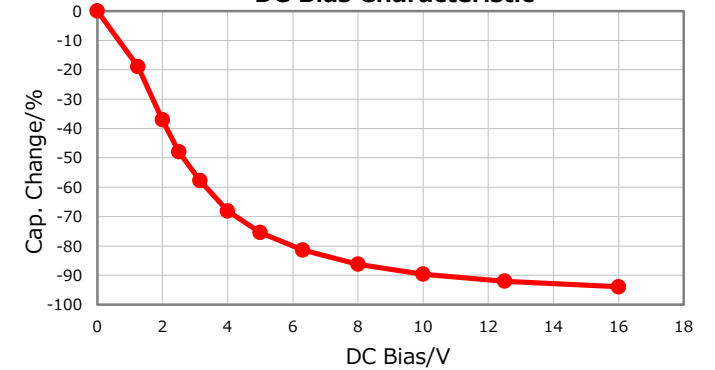
|Z|, ESR vs. Freq. Characteristics



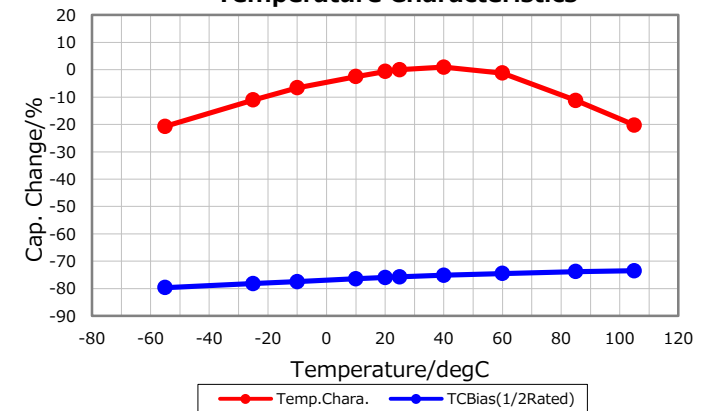
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

