

C1005X6S1A155K050BC

TDK Item Description : C1005X6S1A155KT****



Application & Main Feature

Commercial Grade (General (Up to 50V))

Series

C1005 [EIA 0402]

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

1.5uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

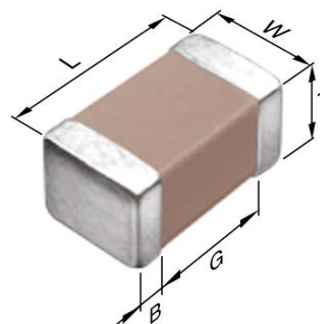
10% Max.

Insulation Resistance

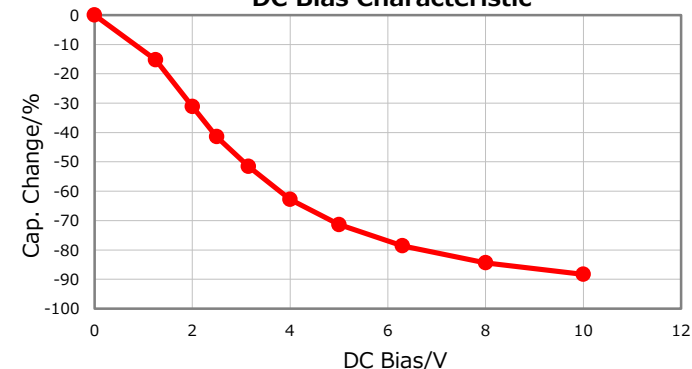
66Mohm Min.

AEC-Q200

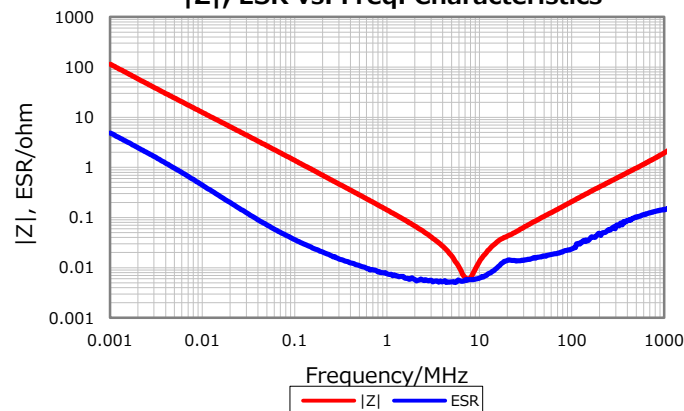
Not Applicable



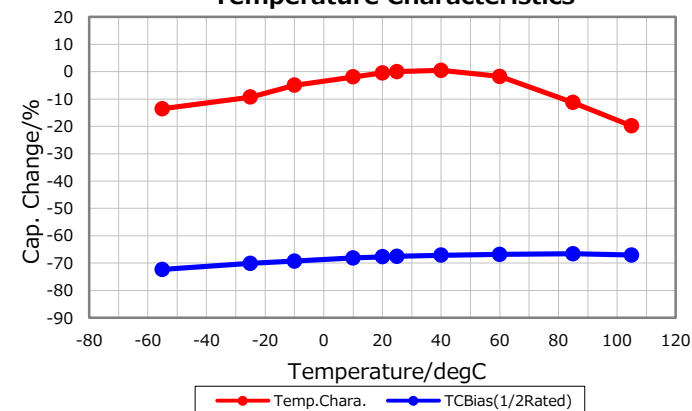
DC Bias Characteristic



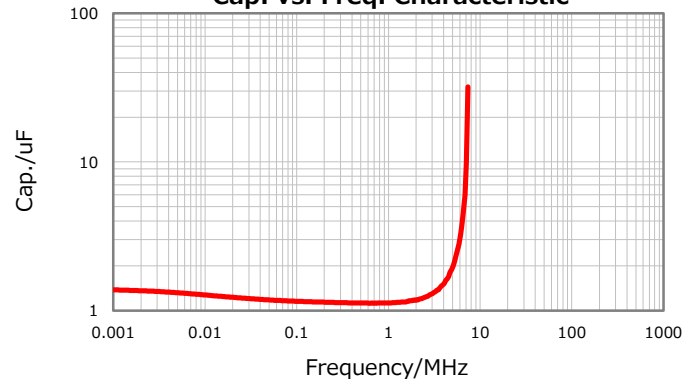
|Z|, ESR vs. Freq. Characteristics



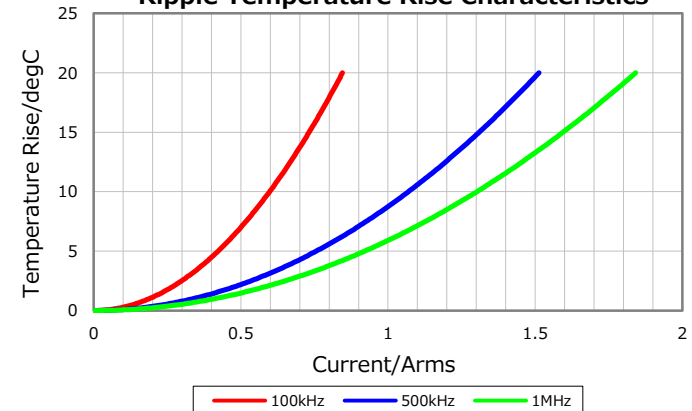
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

July 13, 2016