

# C1005X6S1C225K050BC

TDK Item Description : C1005X6S1C225KT\*\*\*\*



## 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

K (+/-10%)

## Dissipation Factor

10% Max.

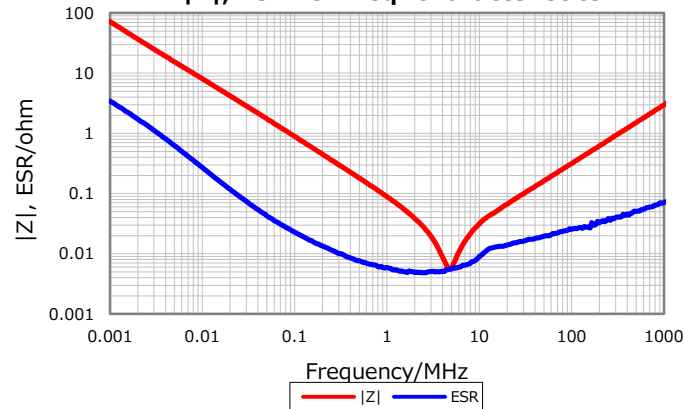
## Insulation Resistance

45Mohm Min.

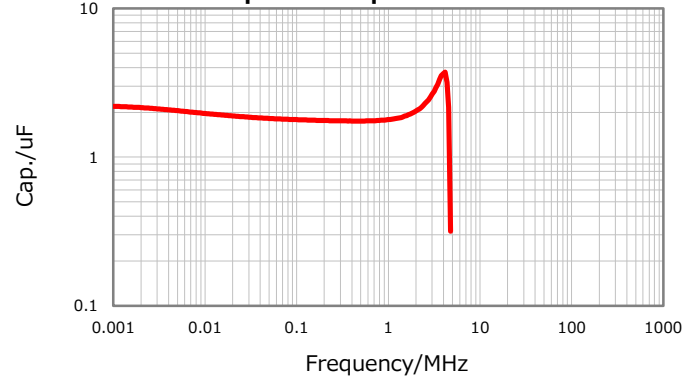
## AEC-Q200

Not Applicable

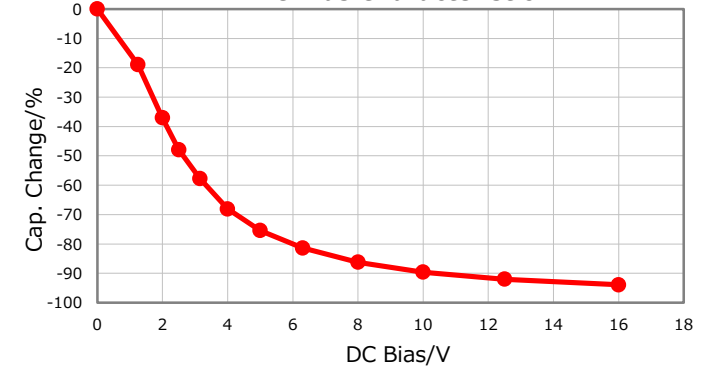
## |Z|, ESR vs. Freq. Characteristics



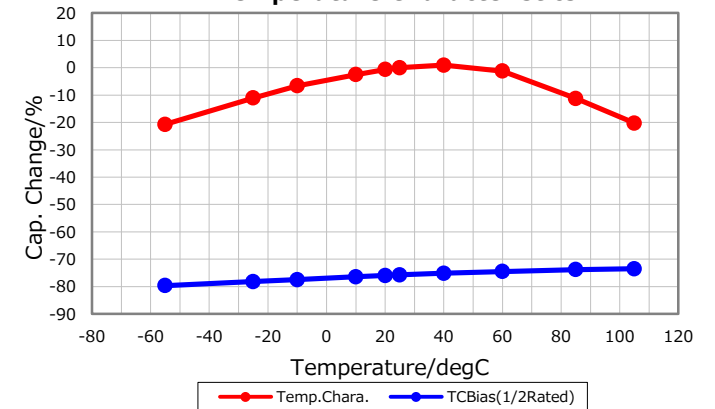
## Cap. vs. Freq. Characteristic



## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics

