

# C1005X8R1E473K050BC

TDK Item Description : C1005X8R1E473KT\*\*\*\*



## Application & Main Feature

Commercial Grade ( High Temperature Application )

## Series

C1005 [EIA 0402]



## Dimensions

L	1.00mm +/-0.05mm
W	0.50mm +/-0.05mm
T	0.50mm +/-0.05mm
B	0.10mm Min.
G	0.30mm Min.

## Temperature Characteristic

X8R (-55 to 150 deg +/-15%)

## Rated Voltage

1E (25Vdc)

## Capacitance

47nF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

5% Max.

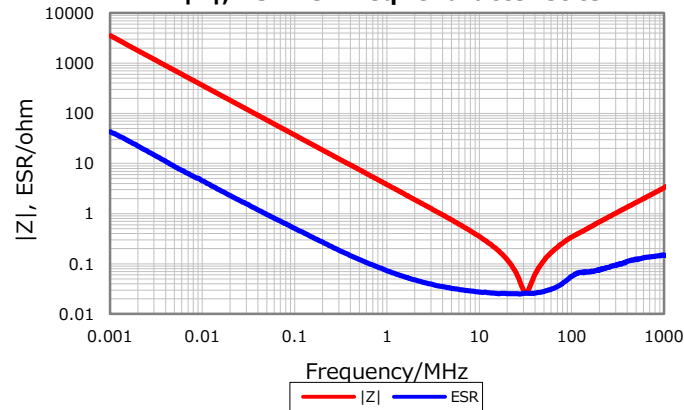
## Insulation Resistance

10Gohm Min

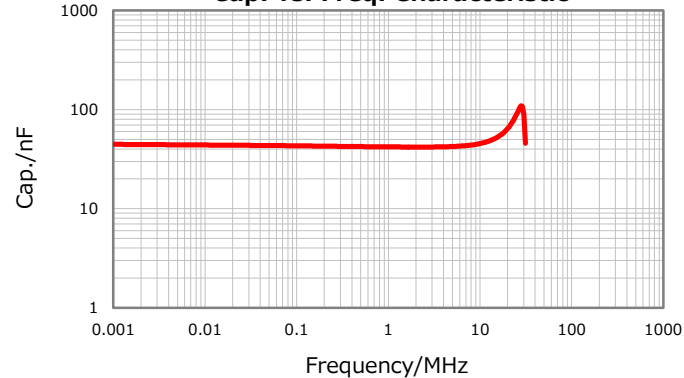
## AEC-Q200

Not Applicable

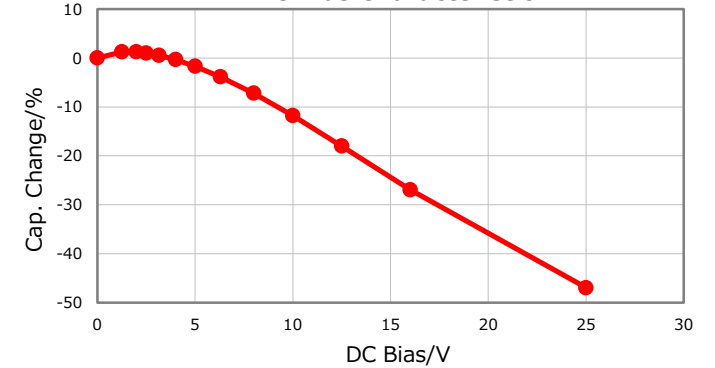
## |Z|, ESR vs. Freq. Characteristics



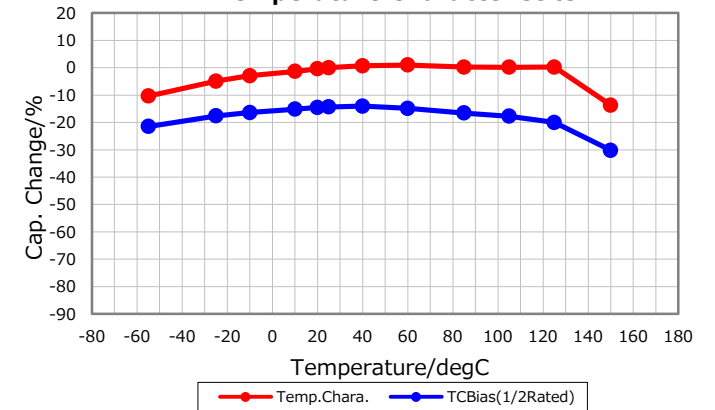
## Cap. vs. Freq. Characteristic



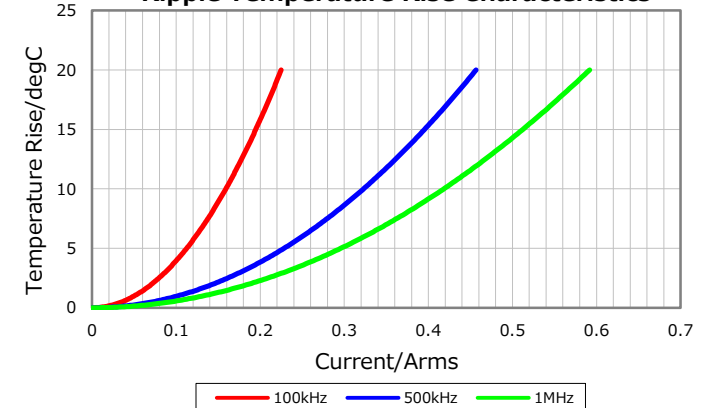
## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

June 5, 2018