

# C1005CH2A102K050BC

TDK Item Description : C1005CH2A102KT\*\*\*\*

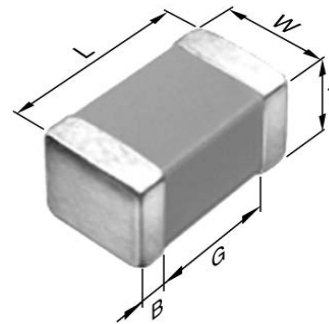


## Application & Main Feature

Commercial Grade ( Mid Volatage (100 to 630V) )

## 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

CH (-55 to 85 degC 0+/-60ppm/degC)

## Rated Voltage

2A (100Vdc)

## Capacitance

1nF

## Capacitance Tolerance

K (+/-10%)

## Q Factor

1000 Min.

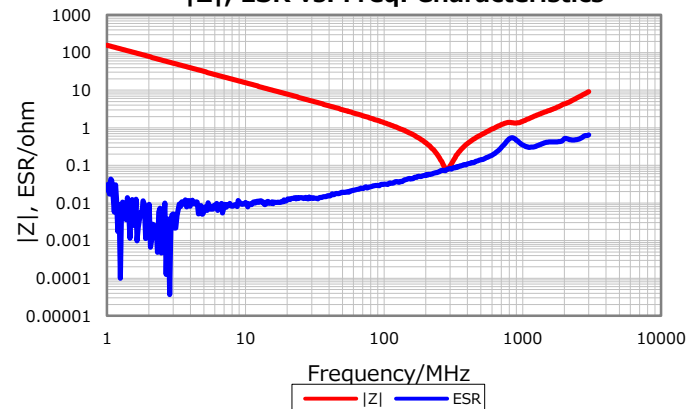
## Insulation Resistance

10Gohm Min

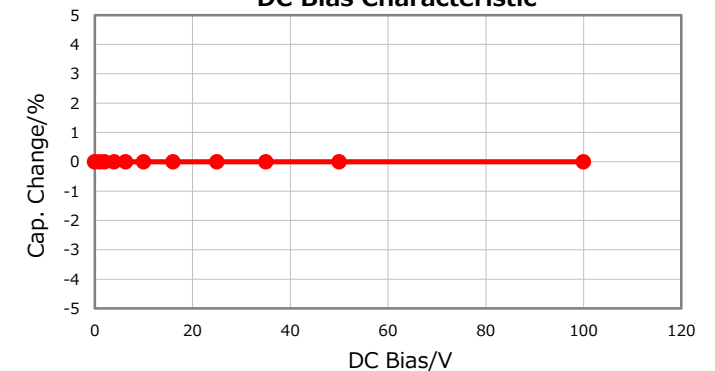
## AEC-Q200

Not Applicable

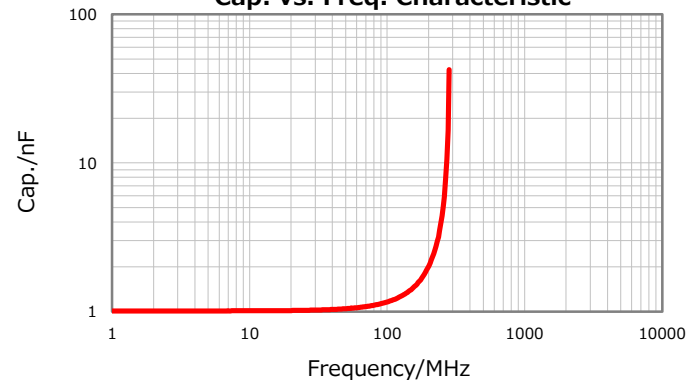
**|Z|, ESR vs. Freq. Characteristics**



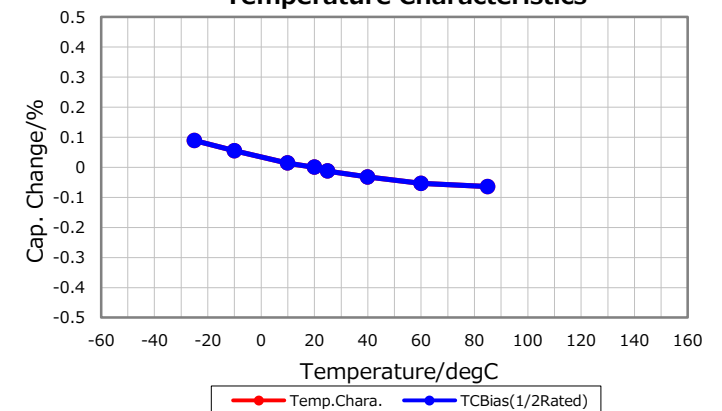
**DC Bias Characteristic**



**Cap. vs. Freq. Characteristic**



**Temperature Characteristics**



All specifications are subject to change without notice.

July 6, 2016