

# C2012NP02W102J060AA

TDK Item Description : C2012NP02W102JT\*\*\*\*



## Application & Main Feature

Commercial Grade ( High Temperature Application )

## Series

C2012 [EIA 0805]



## Dimensions

|   |                |
|---|----------------|
| L | 2.00mm ±0.20mm |
| W | 1.25mm ±0.20mm |
| T | 0.60mm ±0.15mm |
| B | 0.20mm Min.    |
| G | 0.50mm Min.    |

## Temperature Characteristic

NP0 (-55 to 150 degC 0+/-30ppm/degC)

## Rated Voltage

2W(450Vdc)

## Capacitance

1nF

## Capacitance Tolerance

J (±5%)

## Q Factor

1000 Min.

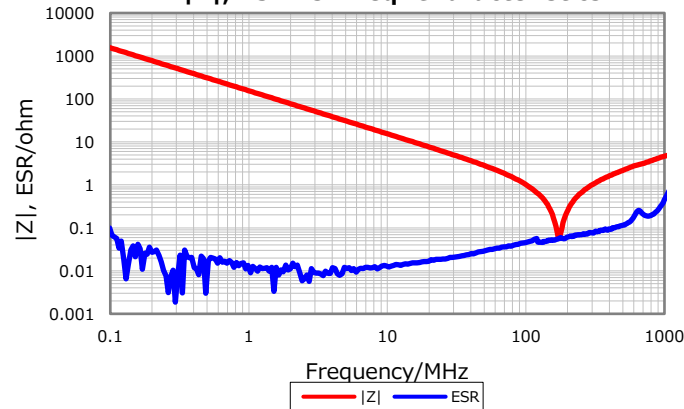
## Insulation Resistance

10Gohm Min

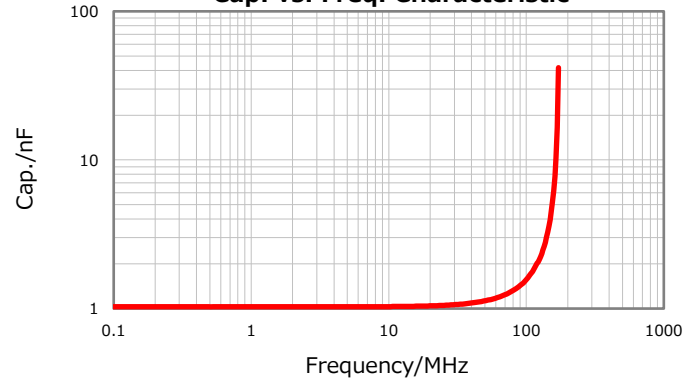
## AEC-Q200

Not Applicable

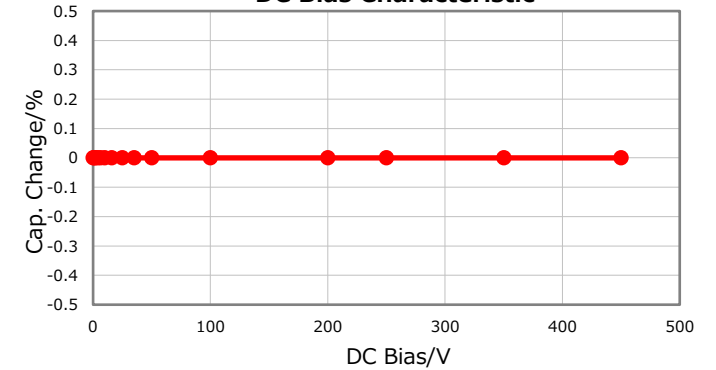
## |Z|, ESR vs. Freq. Characteristics



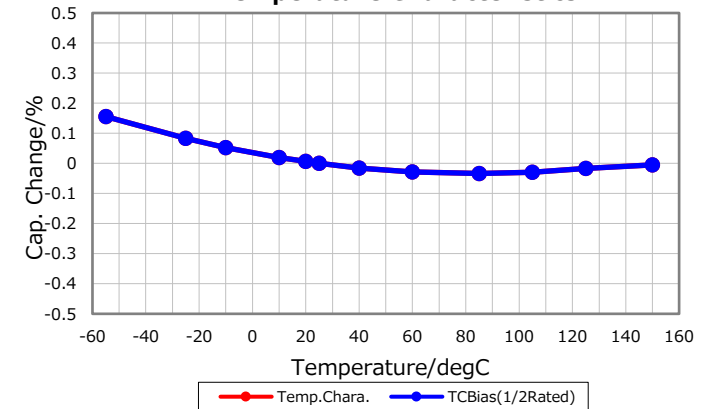
## Cap. vs. Freq. Characteristic



## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics

