

## Application & Main Feature

Commercial Grade(Up to 50V)

## Series

C2012 [EIA 0805]



## Dimensions

|   |                |
|---|----------------|
| L | 2.00mm ±0.20mm |
| W | 1.25mm ±0.20mm |
| T | 0.85mm ±0.15mm |
| B | 0.20mm Min.    |
| G | 0.50mm Min.    |

## Temperature Characteristic

CH (-25 to 85 degC 0+/-60ppm/degC)

## Rated Voltage

1H(50Vdc)

## Capacitance

2.2nF

## Capacitance Tolerance

J (±5%)

## Q Factor

1000 Min.

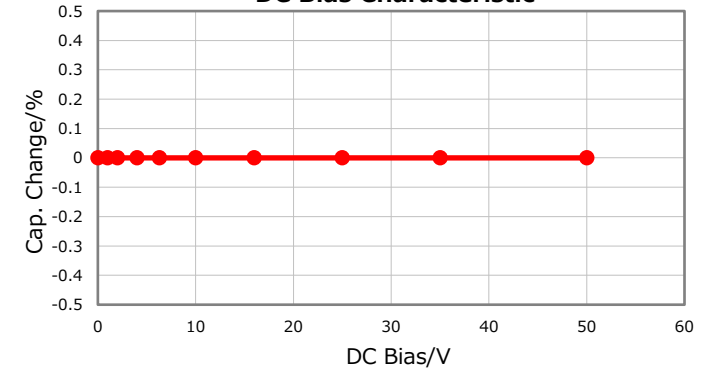
## Insulation Resistance

10Gohm Min

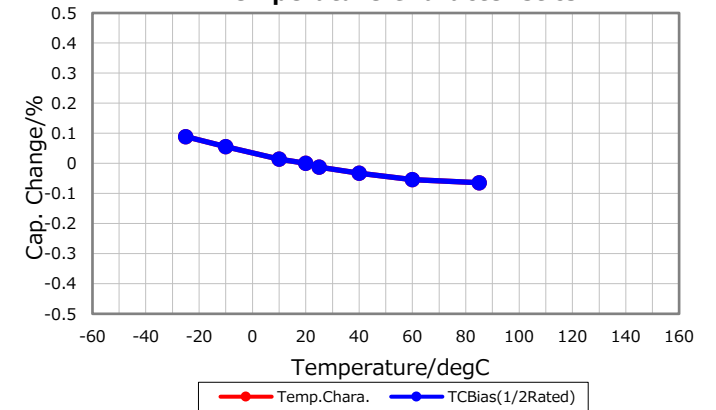
## AEC-Q200

Not Applicable

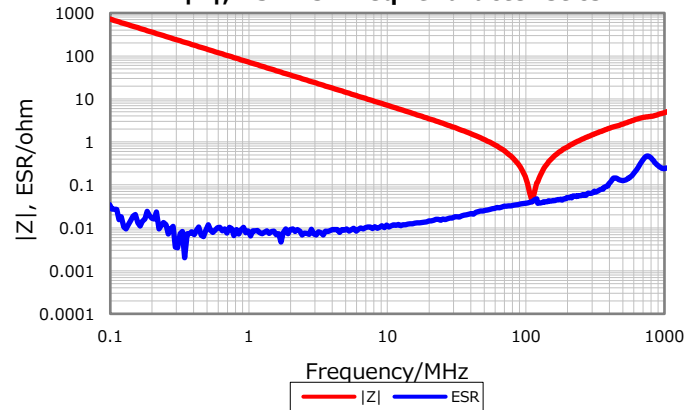
## DC Bias Characteristic



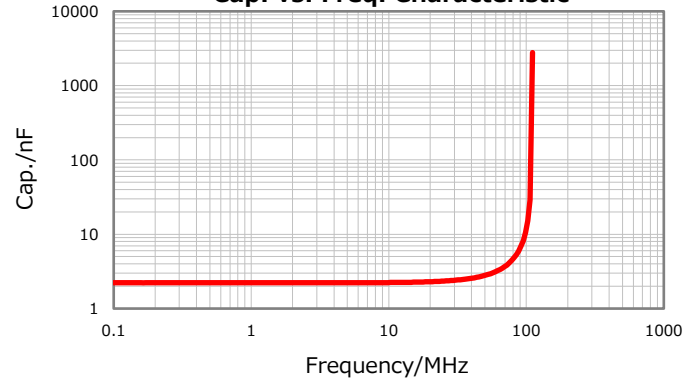
## Temperature Characteristics



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



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics

