

# C2012X7S2A224K085AB

TDK Item Description : C2012X7S2A224KT\*\*\*\*

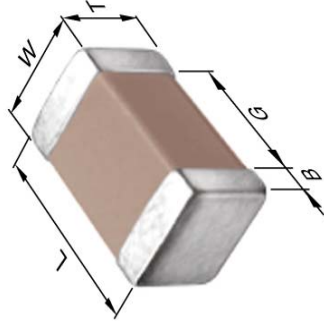


## Application & Main Feature

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

## Series

C2012 [EIA CC0805]



## Dimensions

|   |        |           |
|---|--------|-----------|
| L | 2.00mm | +/-0.2mm  |
| W | 1.25mm | +/-0.2mm  |
| T | 0.85mm | +/-0.15mm |
| B | 0.20mm | Min.      |
| G | 0.50mm | Min.      |

## Temperature Characteristic

X7S (-55 to 125 degC +/-22%)

## Rated Voltage

2A (100Vdc)

## Capacitance

220nF

## Capacitance Tolerance

K (+/-10%)

## Dissipation Factor

5% Max.

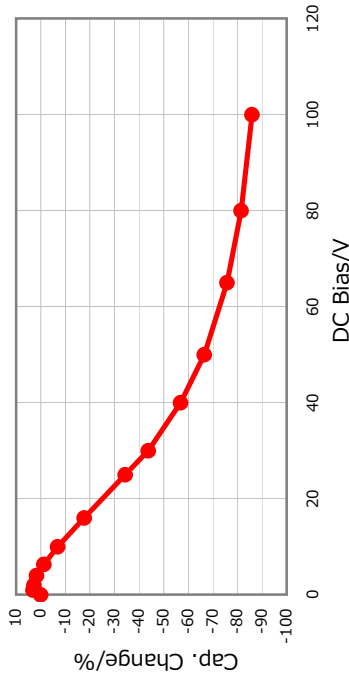
## Insulation Resistance

2.27Gohm Min.

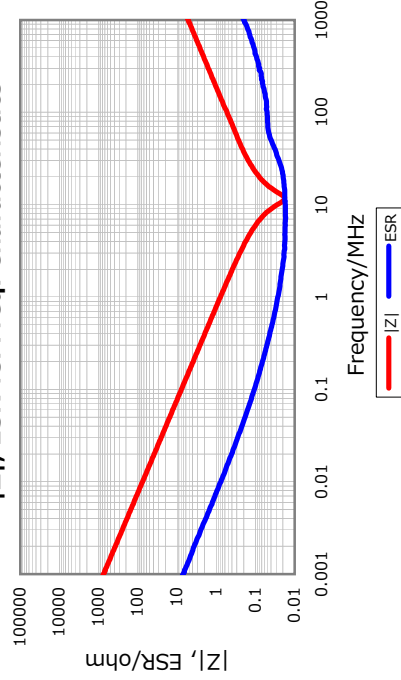
## AEC-Q200

Not Applicable

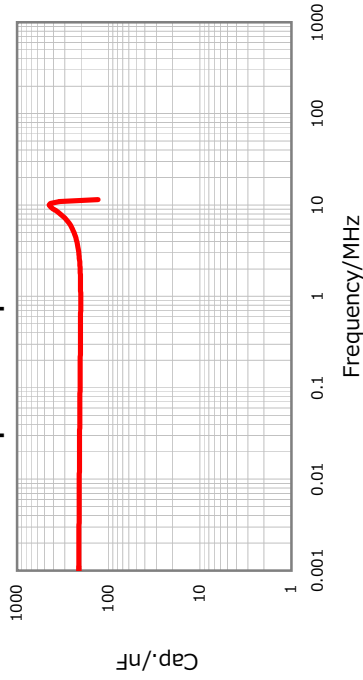
## DC Bias Characteristic



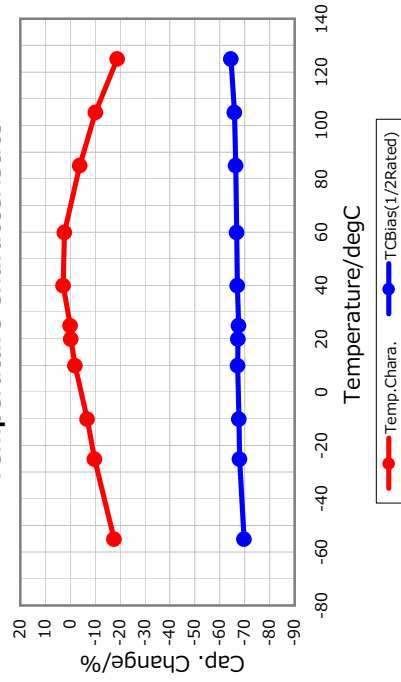
## |Z|, ESR vs. Freq. Characteristics



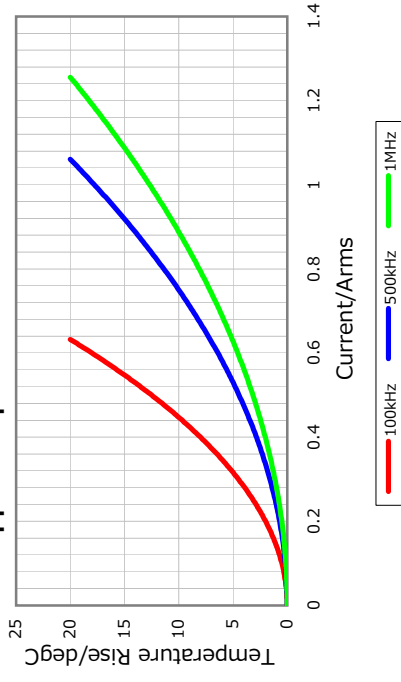
## Cap. vs. Freq. Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 3, 2016