

# C0816X7S0G225M050AC

TDK Item Description : C0816X7S0G225MT\*\*\*\*

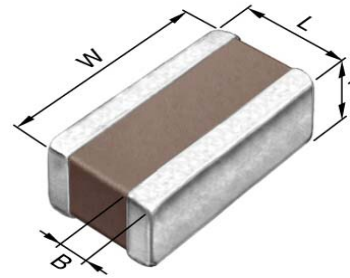


## Application & Main Feature

Commercial Grade ( Low ESL Reverse Geometry )

## Series

C0816 [EIA CC0306]



## Dimensions

L 0.80mm +/-0.15mm  
 W 1.60mm +/-0.2mm  
 T 0.50mm +/-0.1mm  
 B 0.10mm Min.

## Temperature Characteristic

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

## Rated Voltage

0G (4Vdc)

## Capacitance

2.2uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

10% Max.

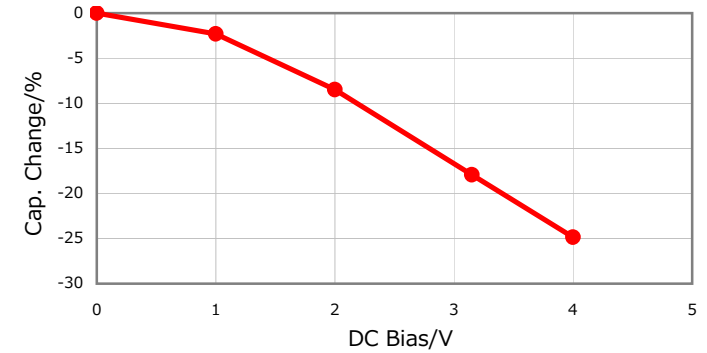
## Insulation Resistance

45Mohm Min.

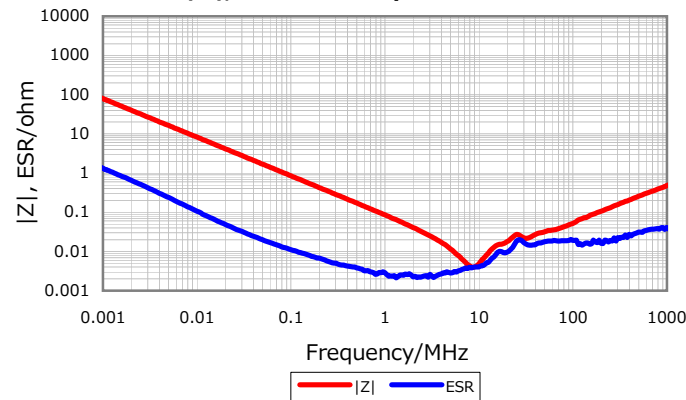
## AEC-Q200

Not Applicable

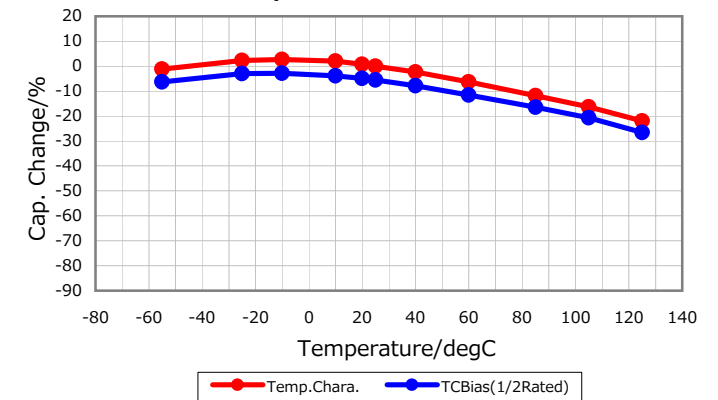
## DC Bias Characteristic



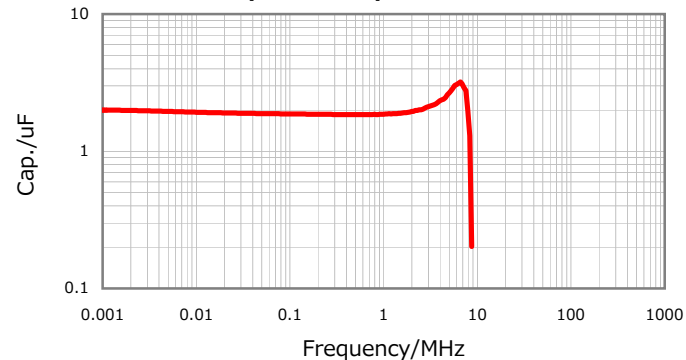
## |Z|, ESR vs. Freq. Characteristics



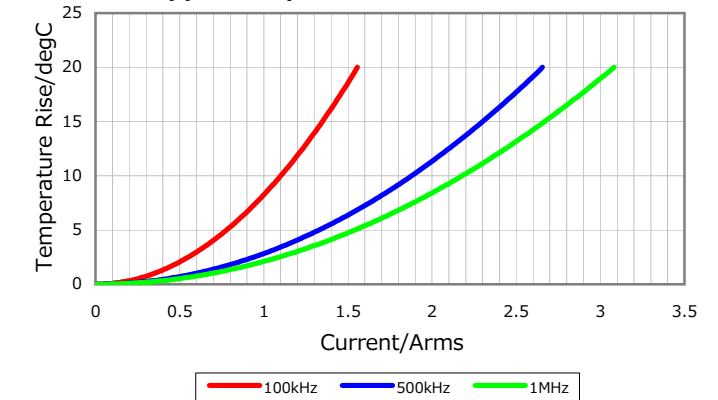
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 3, 2016