

# C0510X6S0G105M030AC

TDK Item Description : C0510X6S0G105MT\*\*\*\*

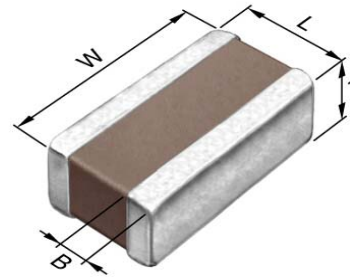


## Application & Main Feature

Commercial Grade ( Low ESL Reverse Geometry )

## Series

C0510 [EIA CC0204]



## Dimensions

L 0.52mm +/-0.05mm  
 W 1.00mm +/-0.05mm  
 T 0.30mm +/-0.05mm  
 B 0.10mm Min.

## Temperature Characteristic

X6S (-55 to 105 degC +/-22%)

## Rated Voltage

0G (4Vdc)

## Capacitance

1uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

10% Max.

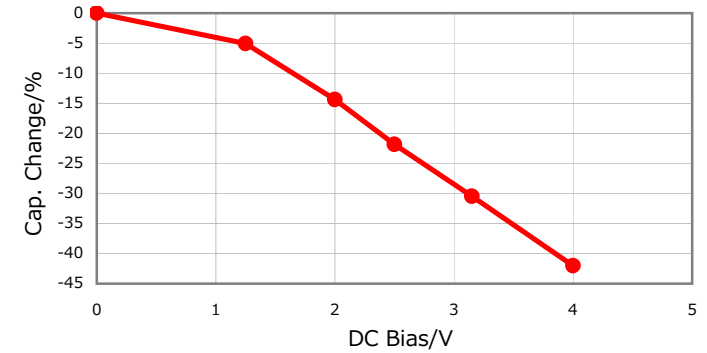
## Insulation Resistance

100Mohm Min.

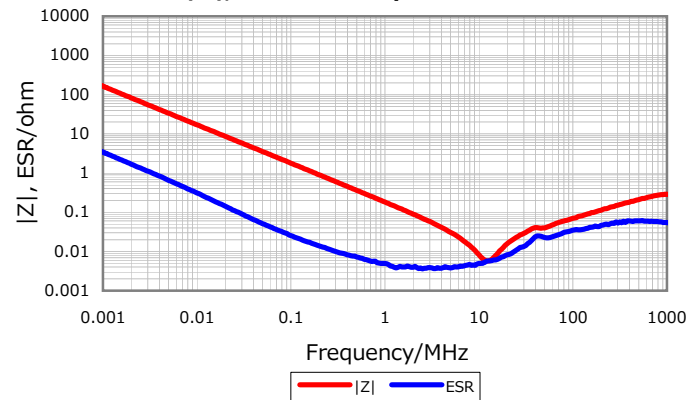
## AEC-Q200

Not Applicable

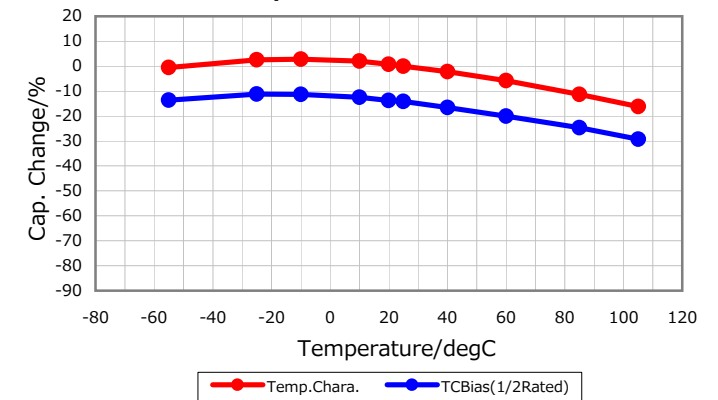
## DC Bias Characteristic



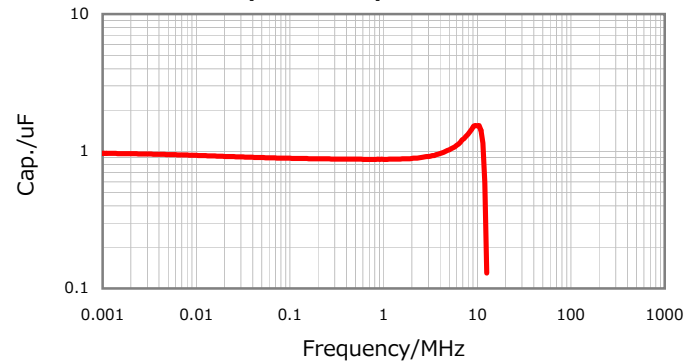
## |Z|, ESR vs. Freq. Characteristics



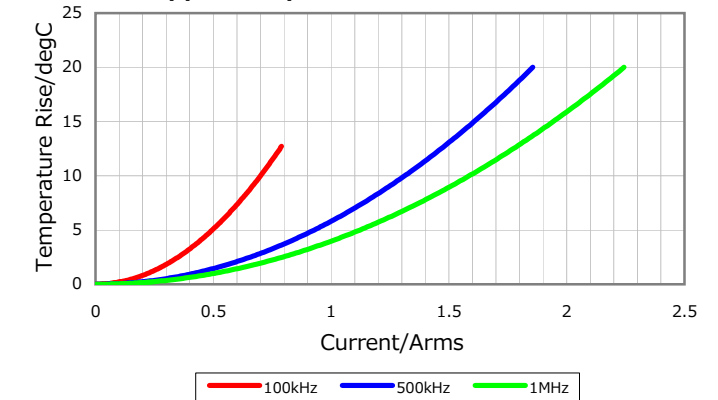
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 2, 2016