

# C0510X5R0J105M030AC

TDK Item Description : C0510X5R0J105MT\*\*\*\*

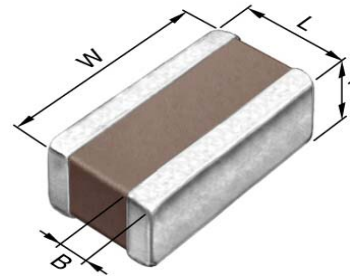


## Application & Main Feature

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

X5R (-55 to 85 degC +/-15%)

## Rated Voltage

0J (6.3Vdc)

## Capacitance

1uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

10% Max.

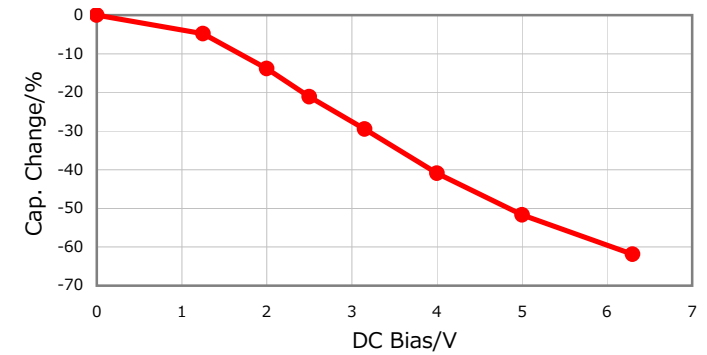
## Insulation Resistance

100Mohm Min.

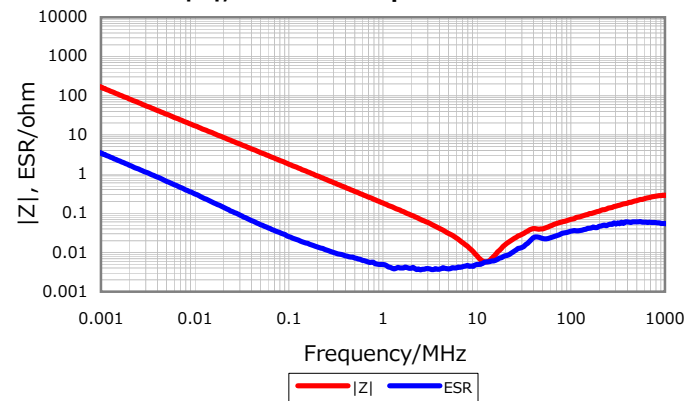
## AEC-Q200

Not Applicable

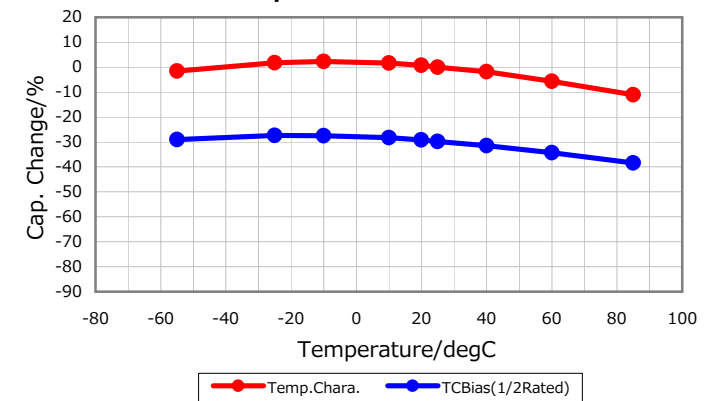
## DC Bias Characteristic



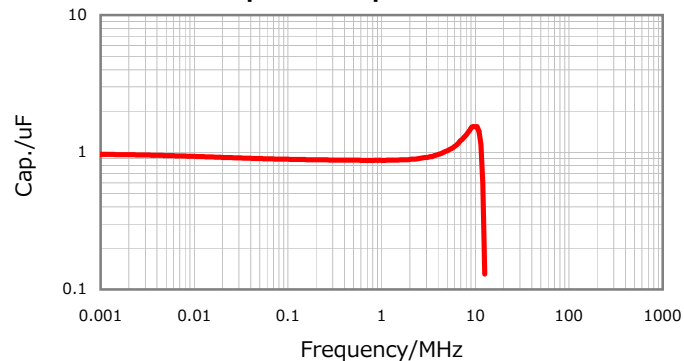
## |Z|, ESR vs. Freq. Characteristics



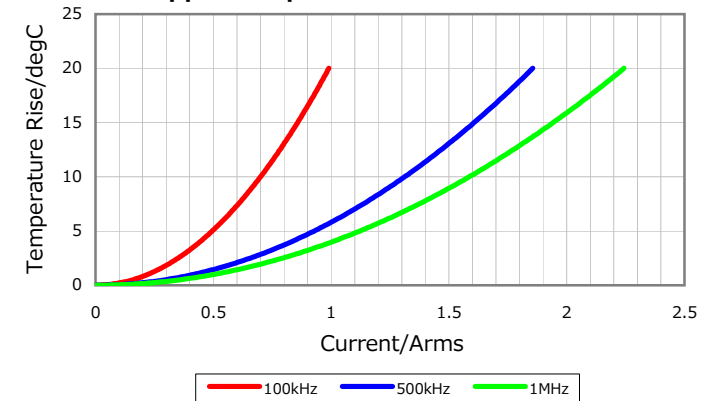
## Temperature Characteristic



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristic



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

September 27, 2013