

# CGB2A1X5R0J225M033BC

TDK Item Description : CGB2A1X5R0J225MT\*\*\*\*

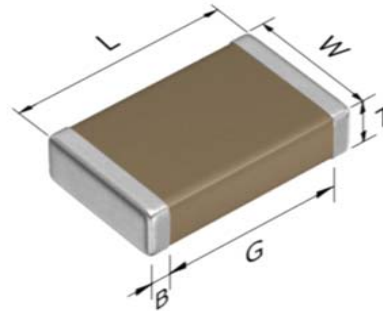


## Application & Main Feature

Commercial Grade ( Low Profile )

## Series

CGB2(1005) [EIA CC0402]



## Dimensions

L 1.00mm +/-0.15mm  
 W 0.50mm +/-0.15mm  
 T 0.30mm +/-0.03mm  
 B 0.10mm Min.  
 G 0.30mm Min.

## Temperature Characteristic

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

## Rated Voltage

0J (6.3Vdc)

## Capacitance

2.2uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

10% Max.

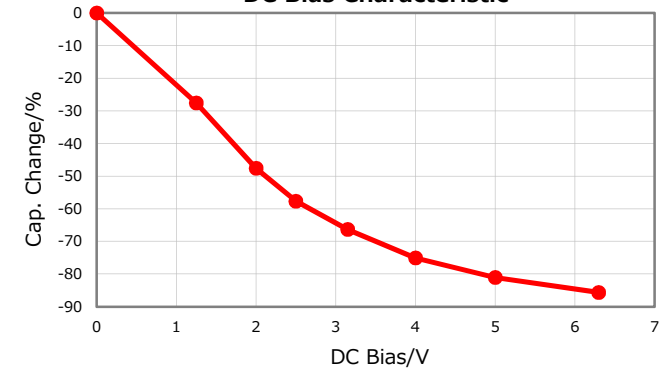
## Insulation Resistance

45Mohm Min.

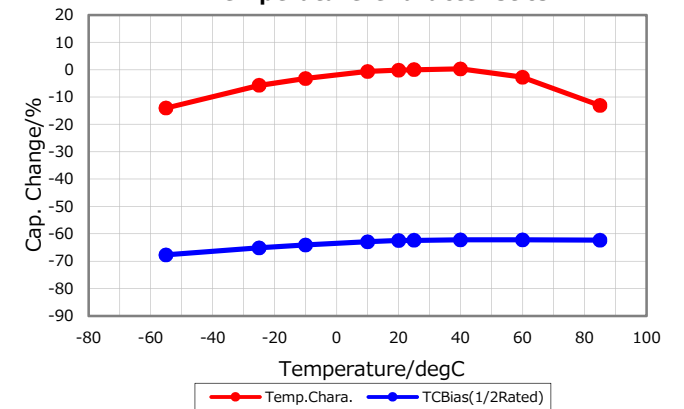
## AEC-Q200

Not Applicable

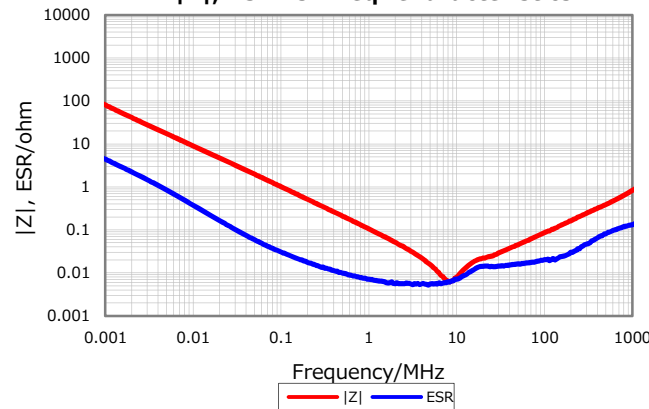
## DC Bias Characteristic



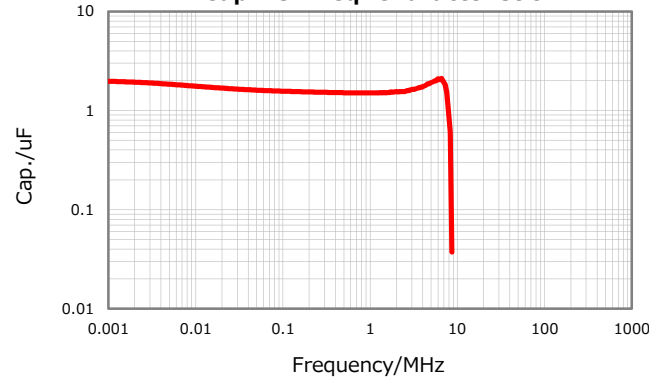
## Temperature Characteristics



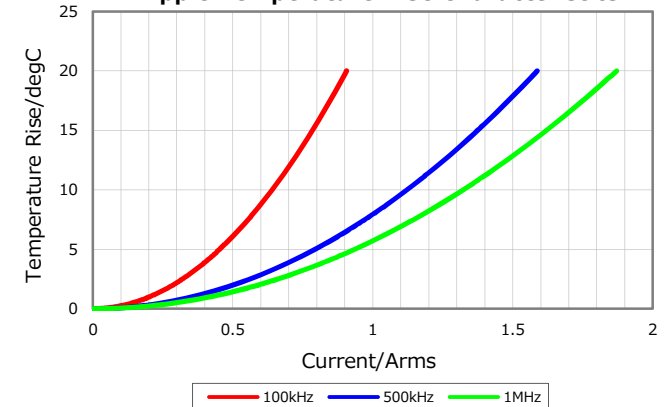
## |Z|, ESR vs. Freq. Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

November 27, 2018