

# CGB4B3X5R1A225M055AB

TDK Item Description : CGB4B3X5R1A225MT\*\*\*\*



## Application & Main Feature

Commercial Grade ( Low Profile )

## Series

CGB4(2012) [EIA CC0805]



## Dimensions

L	2.00mm +/-0.2mm
W	1.25mm +/-0.2mm
T	0.55mm Max.
B	0.20mm Min.
G	0.50mm Min.

## Temperature Characteristic

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

## Rated Voltage

1A (10Vdc)

## Capacitance

2.2uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

10% Max.

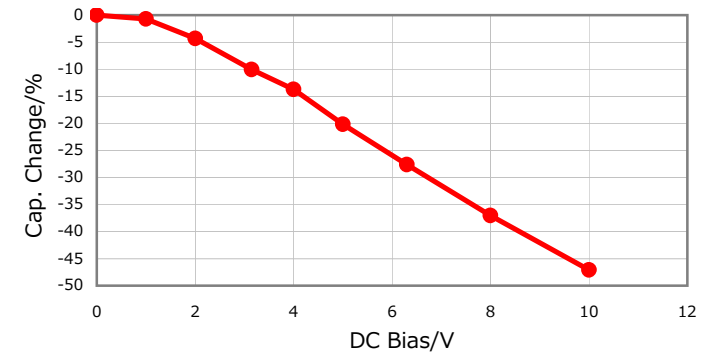
## Insulation Resistance

45Mohm Min.

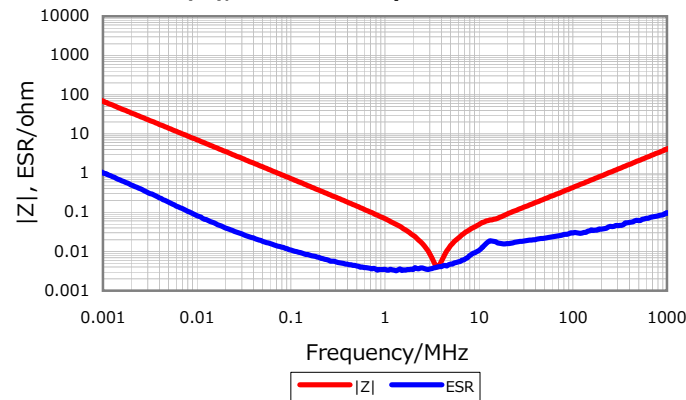
## AEC-Q200

Not Applicable

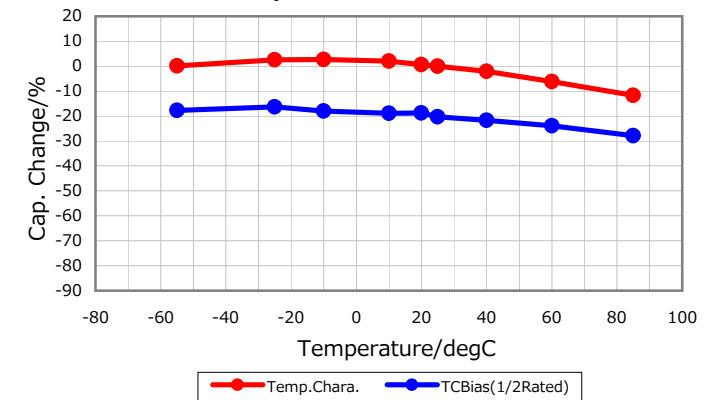
## DC Bias Characteristic



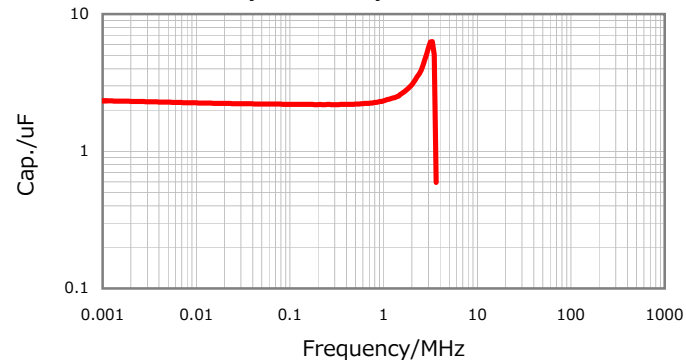
## |Z|, ESR vs. Freq. Characteristics



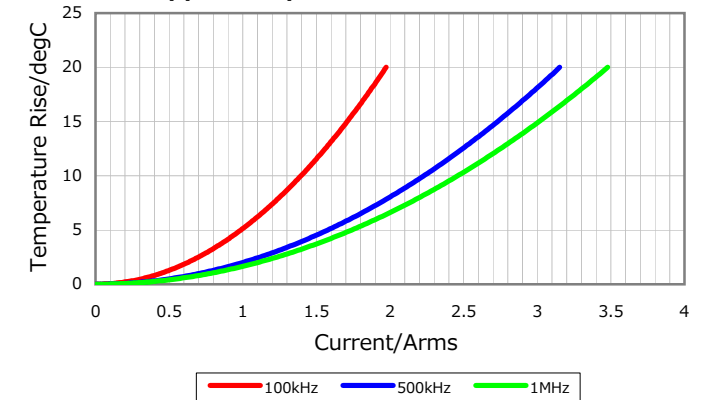
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 4, 2016