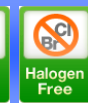


# CGB3B1X6S1C105M055AC

TDK Item Description : CGB3B1X6S1C105MT\*\*\*\*

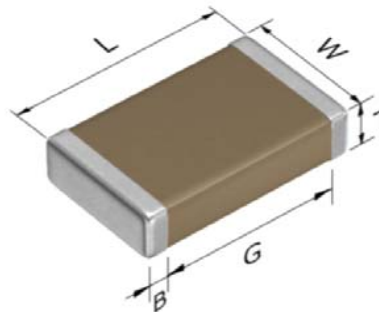


## Application & Main Feature

Commercial Grade ( Low Profile )

## Series

CGB3(1608) [EIA CC0603]



## Dimensions

L 1.60mm +/-0.1mm  
W 0.80mm +/-0.1mm  
T 0.50mm +/-0.05mm  
B 0.20mm Min.  
G 0.30mm Min.

## Temperature Characteristic

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

## Rated Voltage

1C (16Vdc)

## Capacitance

1uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

10% Max.

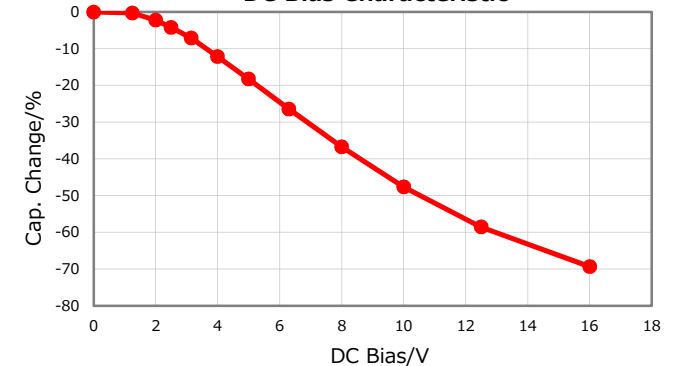
## Insulation Resistance

100Mohm Min.

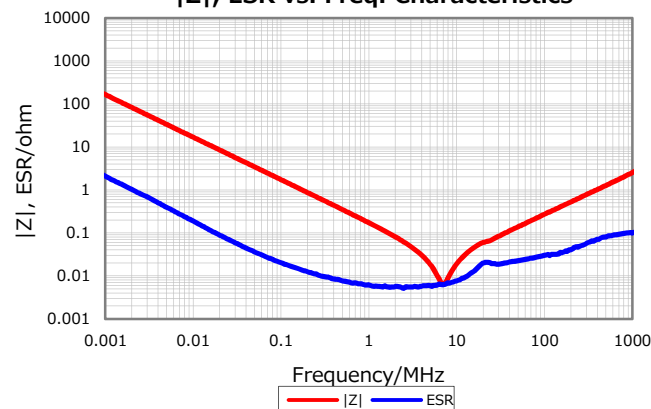
## AEC-Q200

Not Applicable

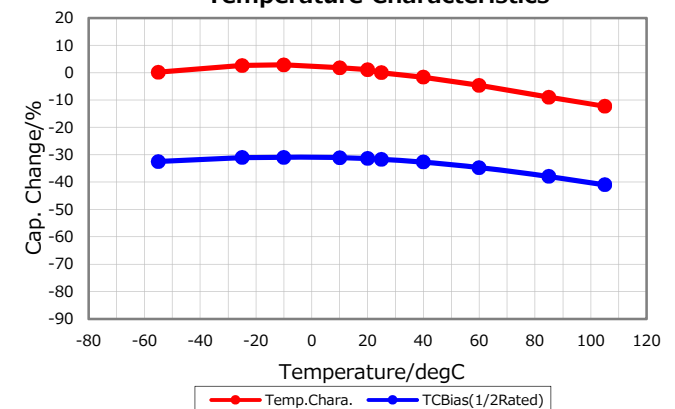
## DC Bias Characteristic



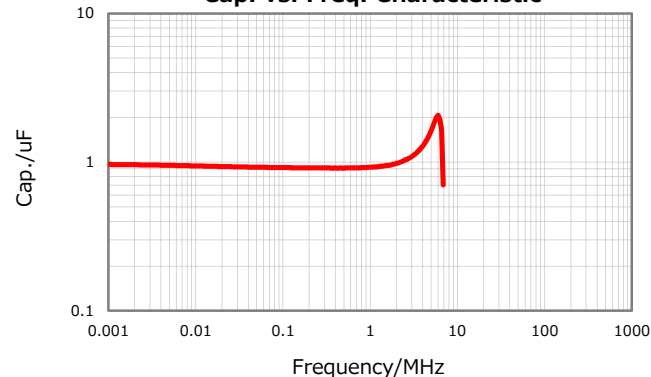
## |Z|, ESR vs. Freq. Characteristics



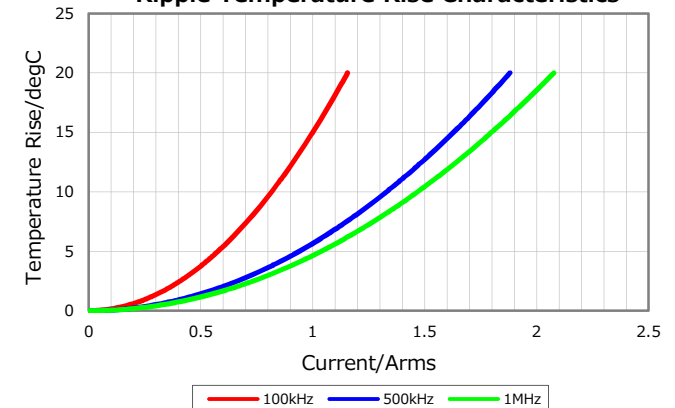
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

November 27, 2018