

# CGB3B1X6S0G475M055AC

TDK Item Description : CGB3B1X6S0G475MT\*\*\*\*



## Application & Main Feature

Commercial Grade ( Low Profile )

## Series

CGB3(1608) [EIA CC0603]



## Dimensions

L 1.60mm +/-0.1mm  
 W 0.80mm +/-0.1mm  
 T 0.55mm Max.  
 B 0.20mm Min.  
 G 0.30mm Min.

## Temperature Characteristic

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

## Rated Voltage

0G (4Vdc)

## Capacitance

4.7uF

## Capacitance Tolerance

M (+/-20%)

## Dissipation Factor

10% Max.

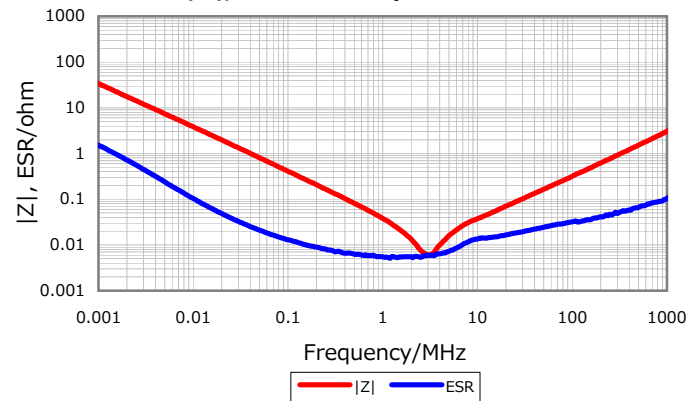
## Insulation Resistance

21Mohm Min.

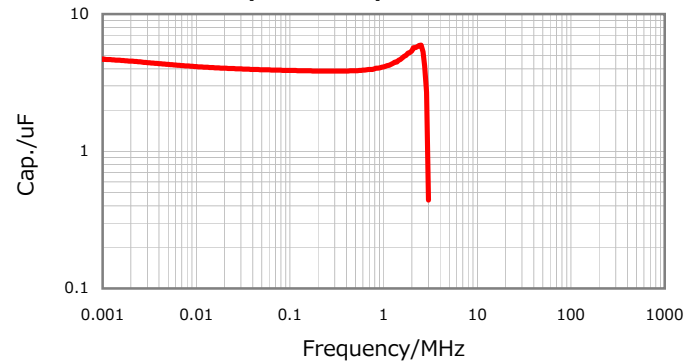
## AEC-Q200

Not Applicable

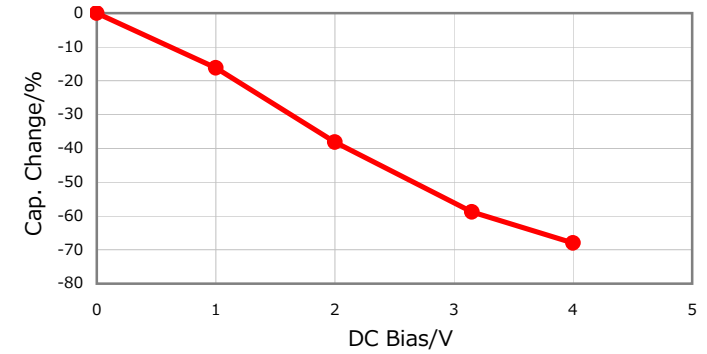
## |Z|, ESR vs. Freq. Characteristics



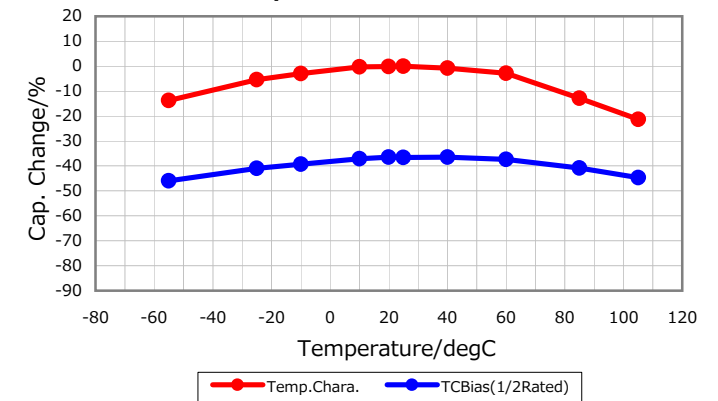
## Cap. vs. Freq. Characteristic



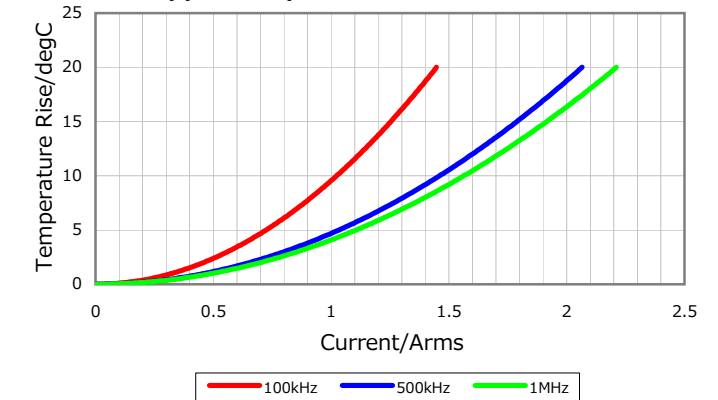
## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 4, 2016