

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 0.55mm Max.
 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.

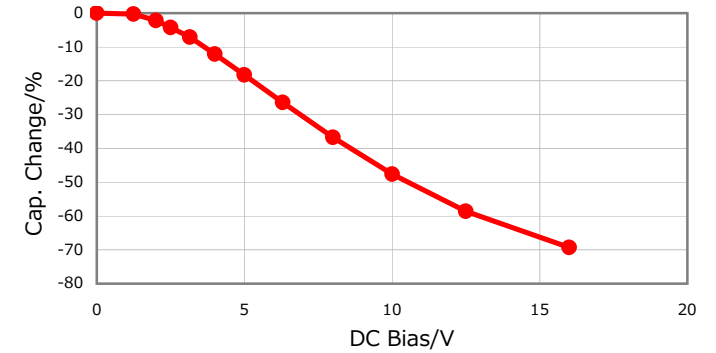
Insulation Resistance

100Mohm Min.

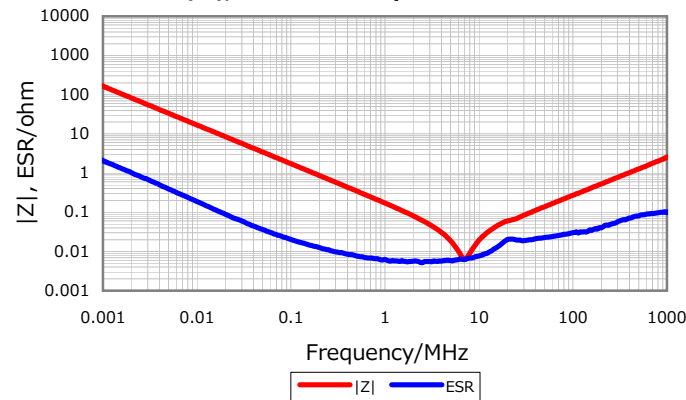
AEC-Q200

Not Applicable

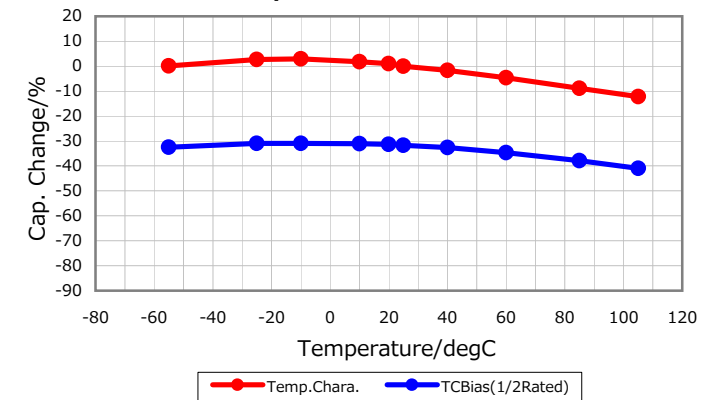
DC Bias Characteristic



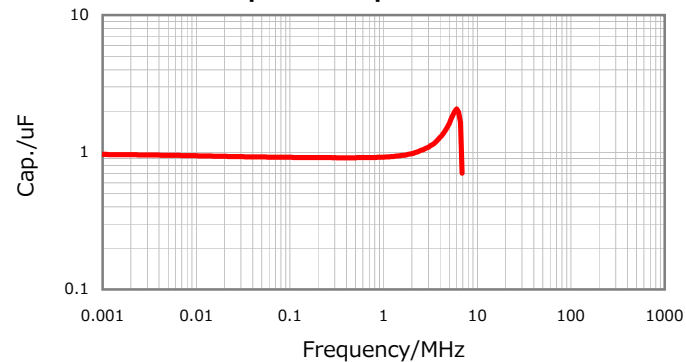
|Z|, ESR vs. Freq. Characteristics



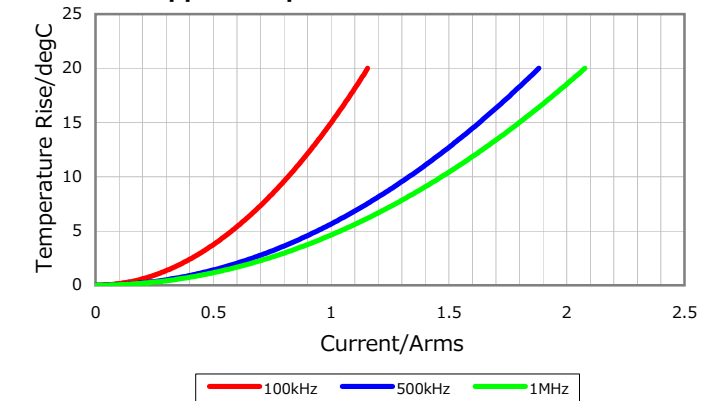
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 4, 2016