

CGB3C1X5R0J106M065AC

TDK Item Description : CGB3C1X5R0J106MT****

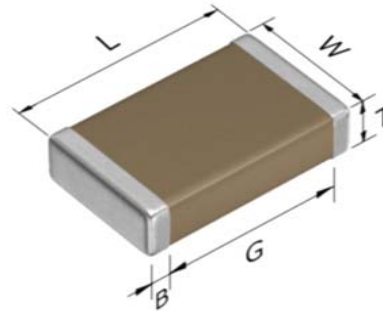


Application & Main Feature

Commercial Grade (Low Profile)

Series

CGB3(1608) [EIA CC0603]



Dimensions

L 1.60mm +0.2,-0.1mm
 W 0.80mm +0.2,-0.1mm
 T 0.60mm +/-0.05mm
 B 0.20mm Min.
 G 0.30mm Min.

Temperature Characteristic

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

Rated Voltage

0J (6.3Vdc)

Capacitance

10uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

10% Max.

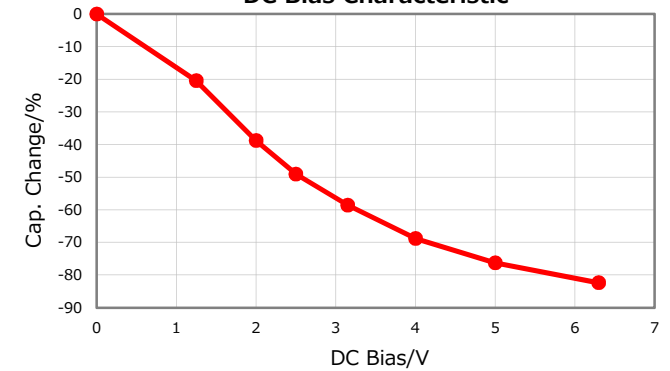
Insulation Resistance

10Mohm Min.

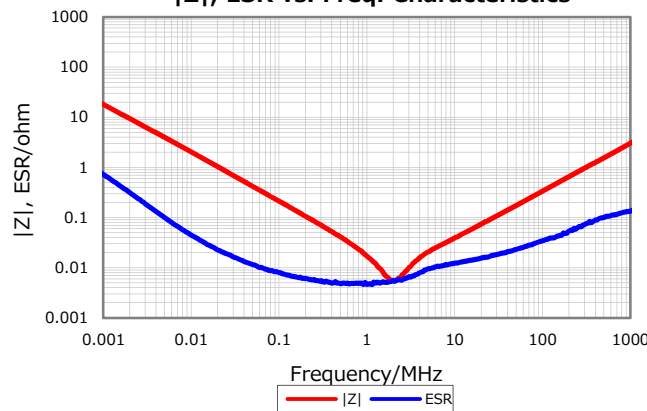
AEC-Q200

Not Applicable

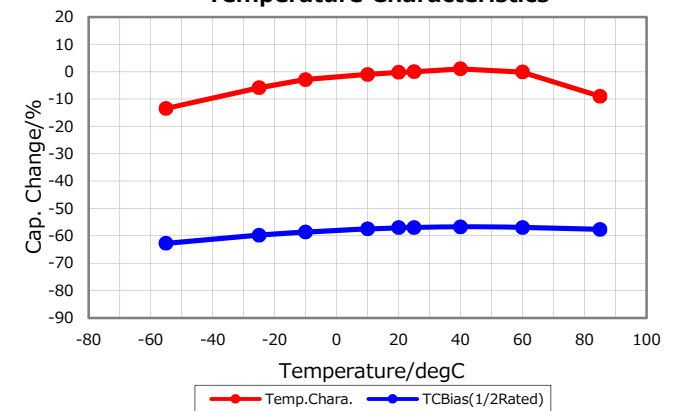
DC Bias Characteristic



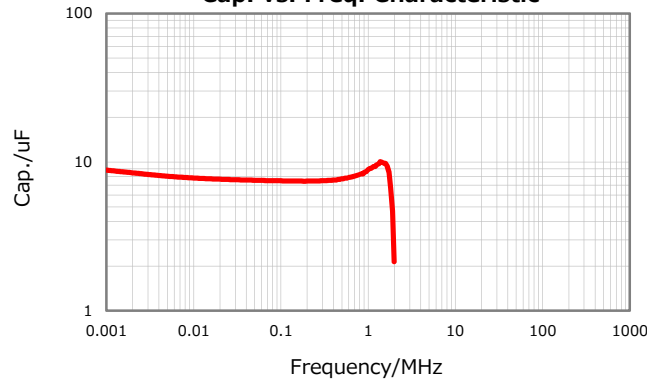
|Z|, ESR vs. Freq. Characteristics



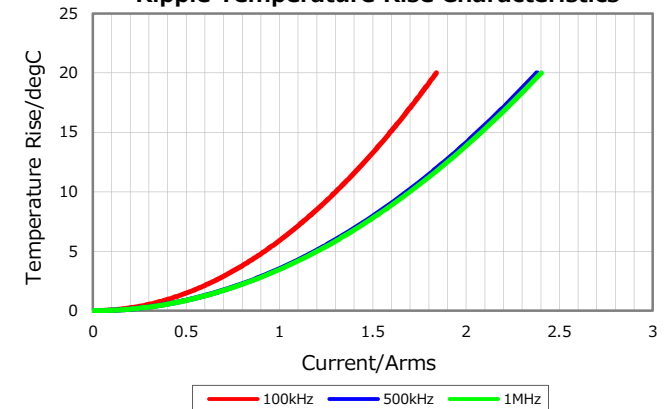
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

November 27, 2018