

CGB3S1X5R0J106M050AC

TDK Item Description : CGB3S1X5R0J106MT****



Application & Main Feature

Commercial Grade (Low Profile)

Series

CGB3(1608) [EIA 0603]

Dimensions

L	1.60mm +0.2,-0.1mm
W	0.80mm +0.2, -0.1mm
T	0.5mm Max.
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

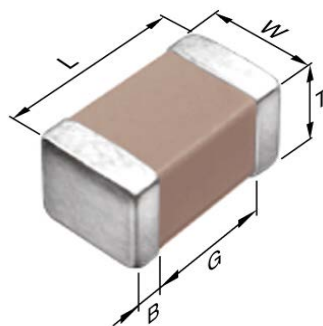
10% Max.

Insulation Resistance

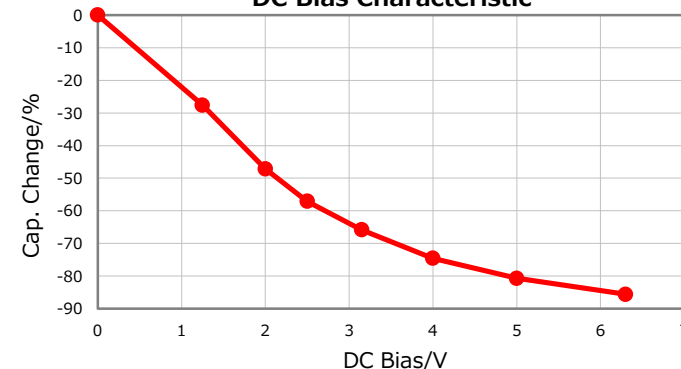
10Mohm Min.

AEC-Q200

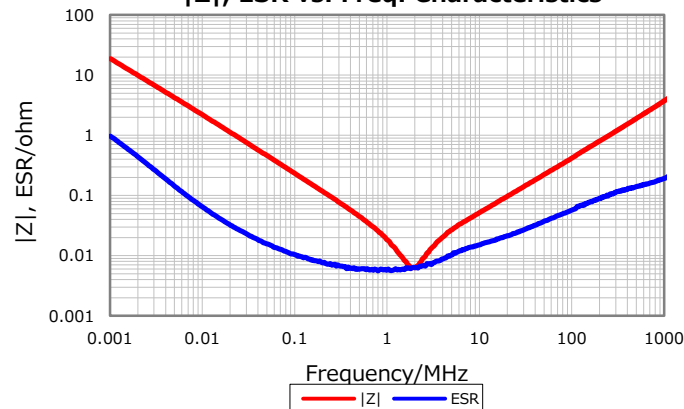
Not Applicable



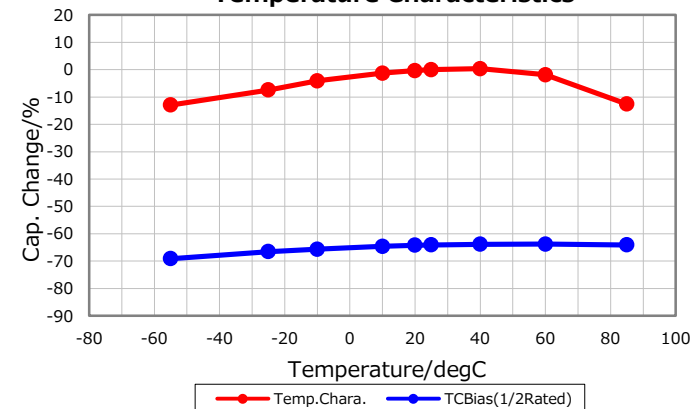
DC Bias Characteristic



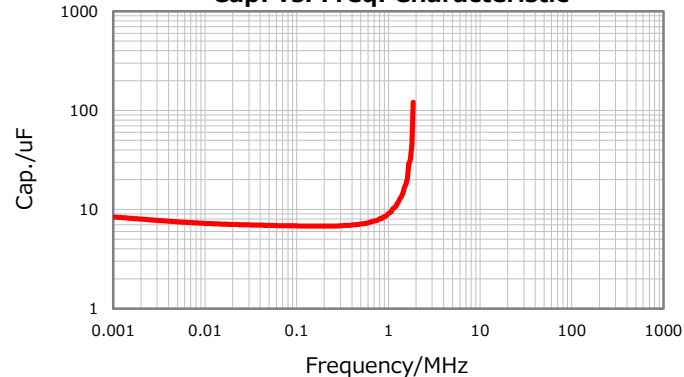
|Z|, ESR vs. Freq. Characteristics



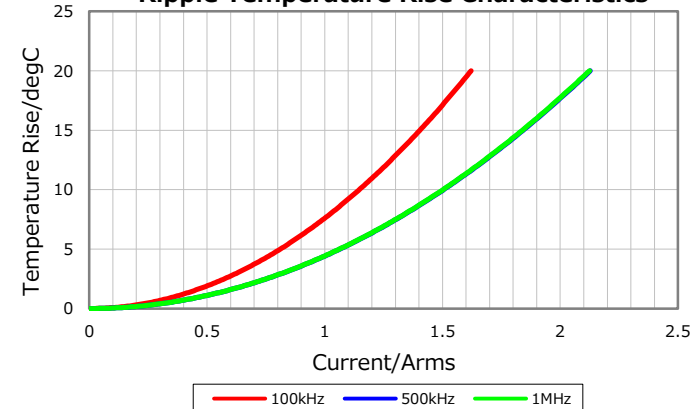
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

July 13, 2016