

CGB2A1X7S0G105M033BC

TDK Item Description : CGB2A1X7S0G105MT****

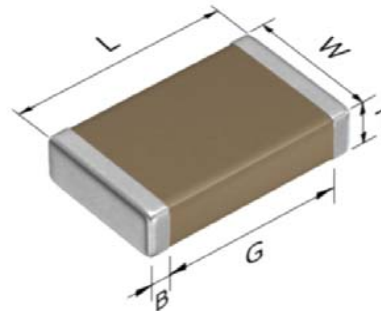


Application & Main Feature

Commercial Grade (Low Profile)

Series

CGB2(1005) [EIA 0402]



Dimensions

L	1.00mm +/-0.1mm
W	0.50mm +/-0.1mm
T	0.30mm +/-0.03mm
B	0.10mm Min.
G	0.30mm Min.

Temperature Characteristic

X7S (-55 to 125 degC +/-22%)

Rated Voltage

0G (4Vdc)

Capacitance

1uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

10% Max.

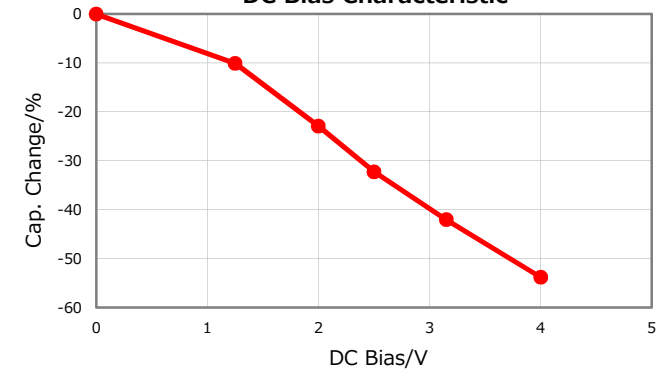
Insulation Resistance

100Mohm Min.

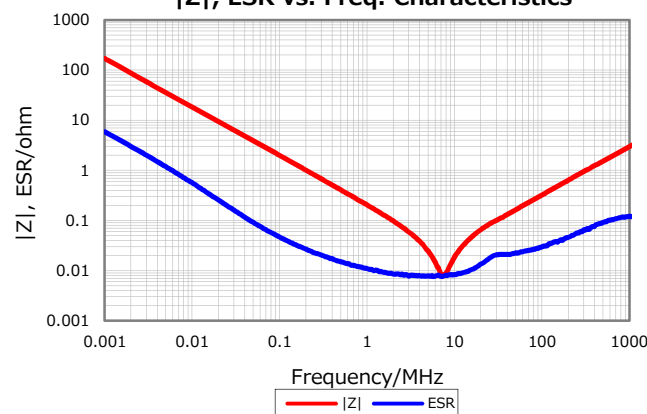
AEC-Q200

Not Applicable

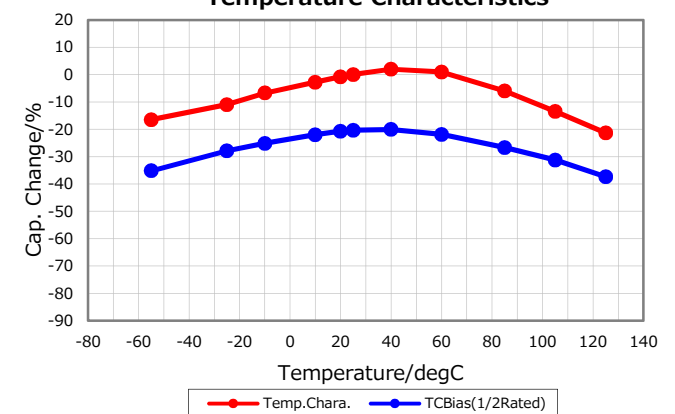
DC Bias Characteristic



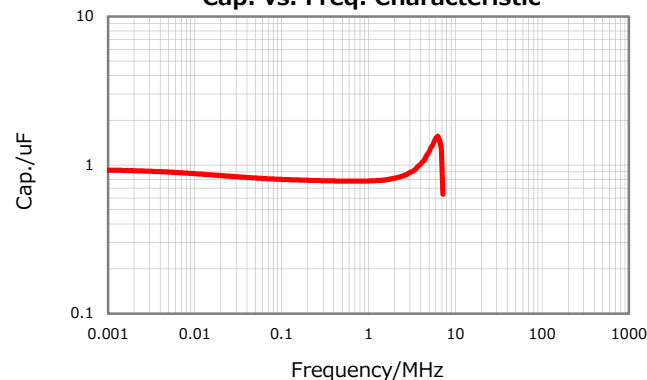
|Z|, ESR vs. Freq. Characteristics



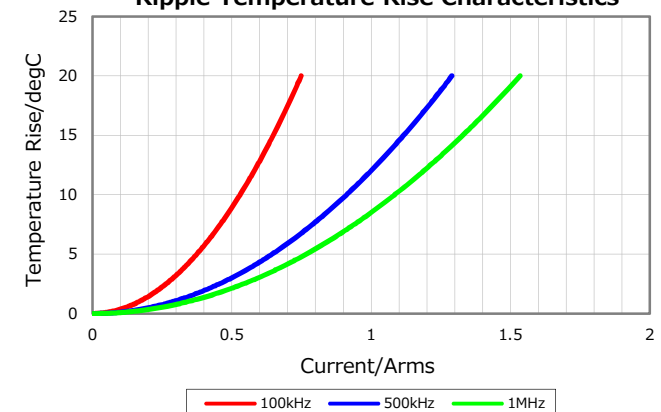
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

November 26, 2018