

CGB2A3X5R0G105K033BB

TDK Item Description : CGB2A3X5R0G105KT****

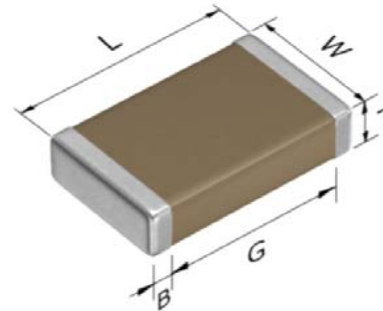


Application & Main Feature

Commercial Grade (Low Profile)

Series

CGB2(1005) [EIA CC0402]



Dimensions

L 1.00mm +/-0.05mm
W 0.50mm +/-0.05mm
T 0.30mm +/-0.03mm
B 0.10mm Min.
G 0.30mm Min.

Temperature Characteristic

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

Rated Voltage

0G (4Vdc)

Capacitance

1uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

10% Max.

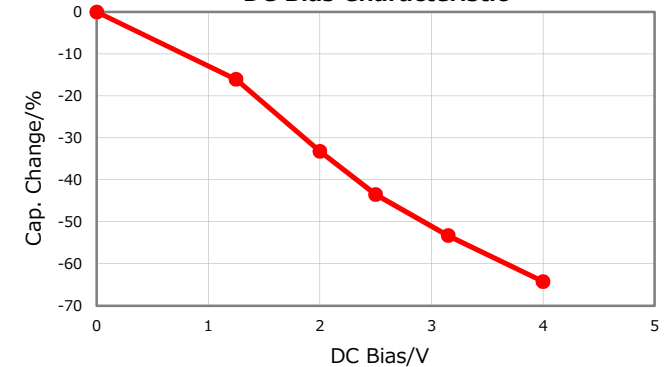
Insulation Resistance

100Mohm Min.

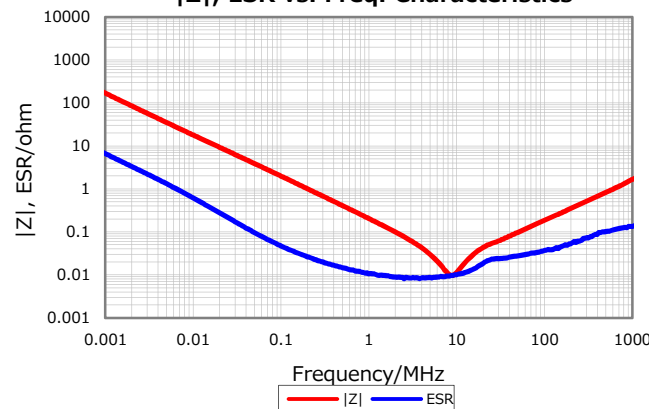
AEC-Q200

Not Applicable

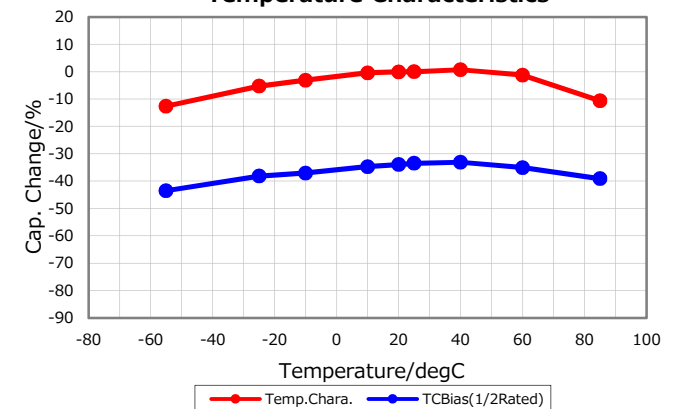
DC Bias Characteristic



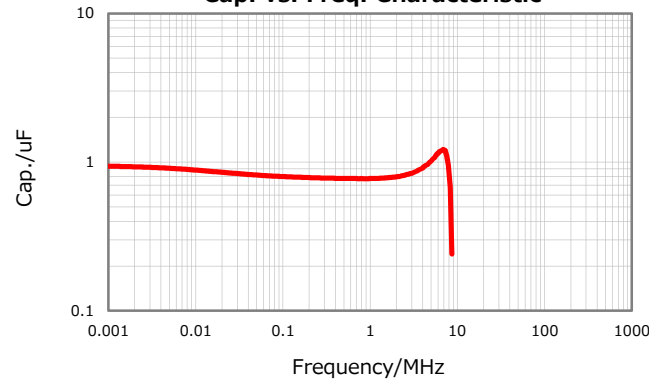
|Z|, ESR vs. Freq. Characteristics



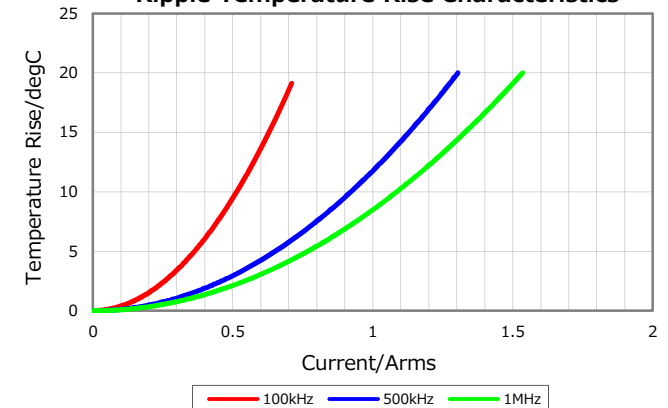
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

November 26, 2018