

C0510X6S0G105M030AC

TDK Item Description : C0510X6S0G105MT****

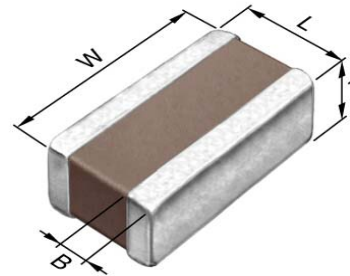


Application & Main Feature

Commercial Grade (Low ESL Reverse Geometry)

Series

C0510 [EIA CC0204]



Dimensions

L 0.52mm +/-0.05mm
W 1.00mm +/-0.05mm
T 0.30mm +/-0.05mm
B 0.10mm Min.

Temperature Characteristic

X6S (-55 to 105 degC +/-22%)

Rated Voltage

0G (4Vdc)

Capacitance

1uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

10% Max.

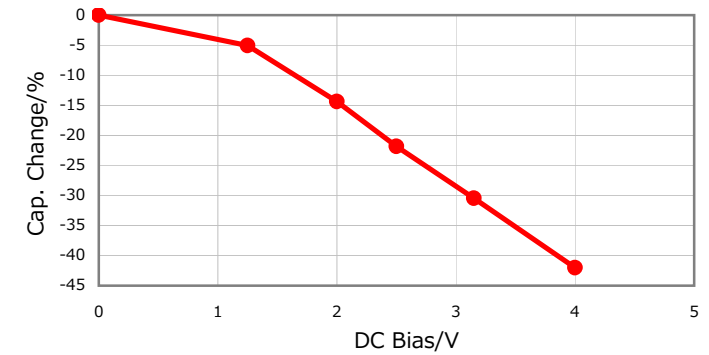
Insulation Resistance

100Mohm Min.

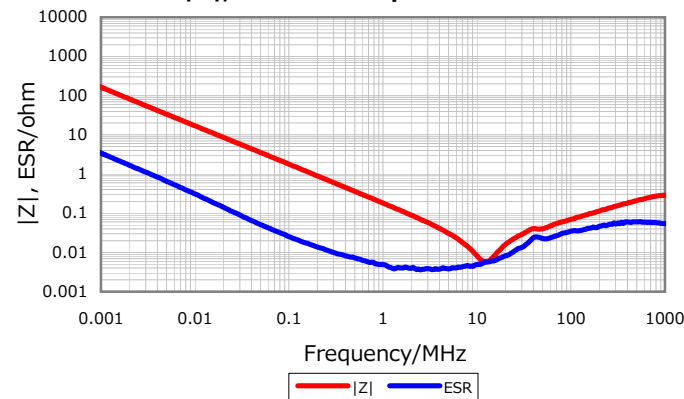
AEC-Q200

Not Applicable

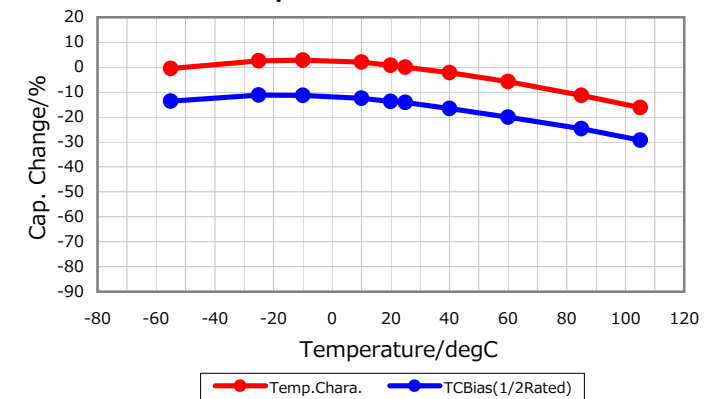
DC Bias Characteristic



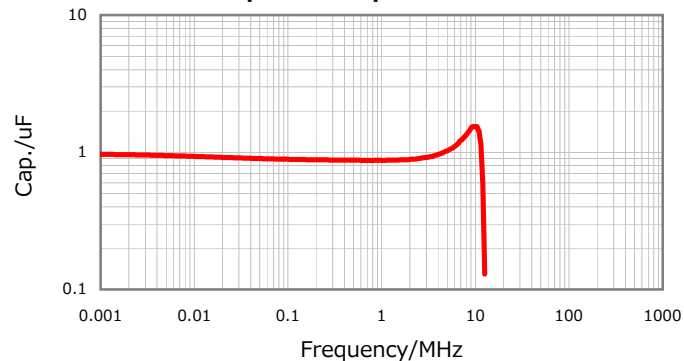
|Z|, ESR vs. Freq. Characteristics



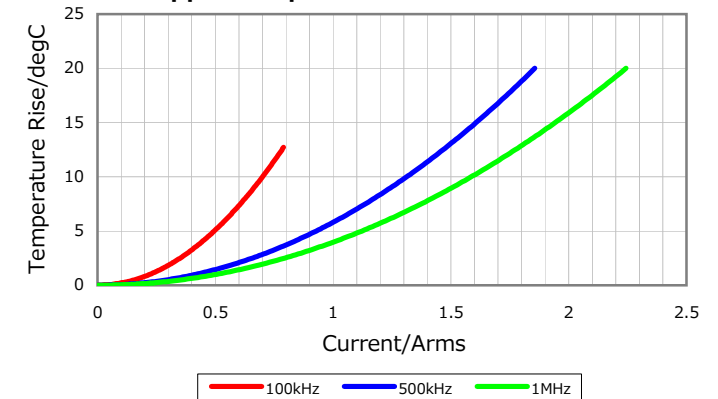
Temperature Characteristic



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristic



All specifications are subject to change without notice.

September 27, 2013