

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.

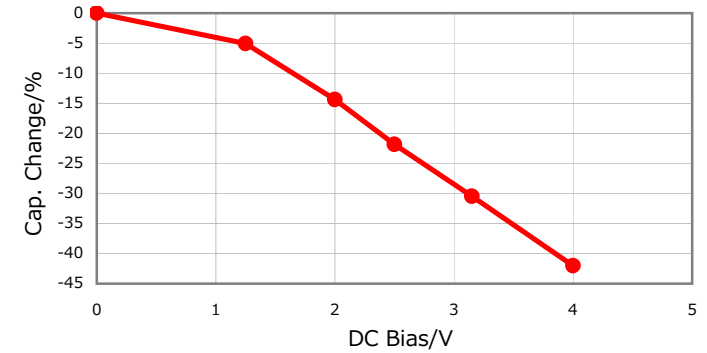
Insulation Resistance

100Mohm Min.

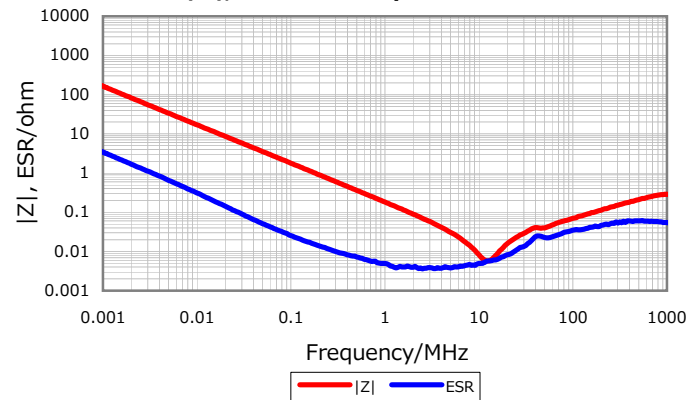
AEC-Q200

Not Applicable

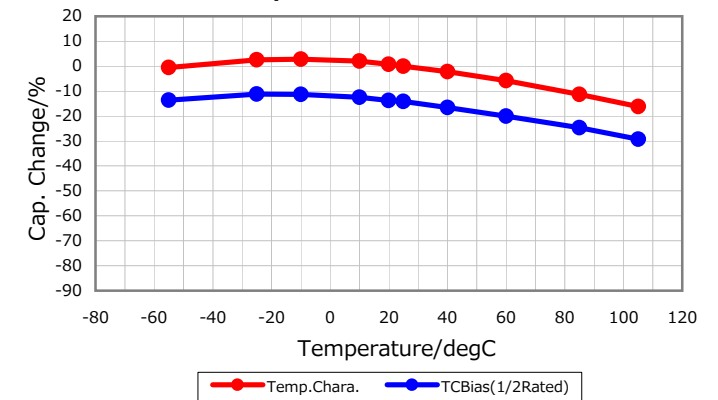
DC Bias Characteristic



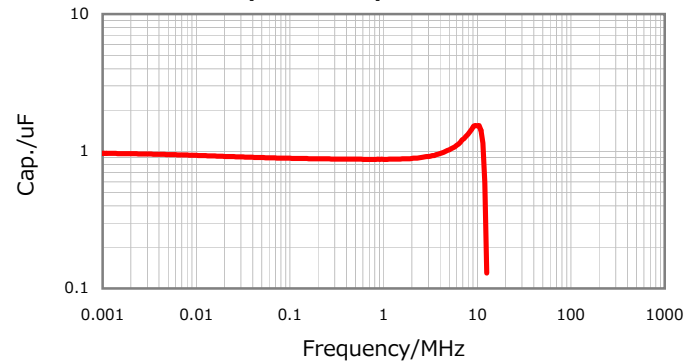
|Z|, ESR vs. Freq. Characteristics



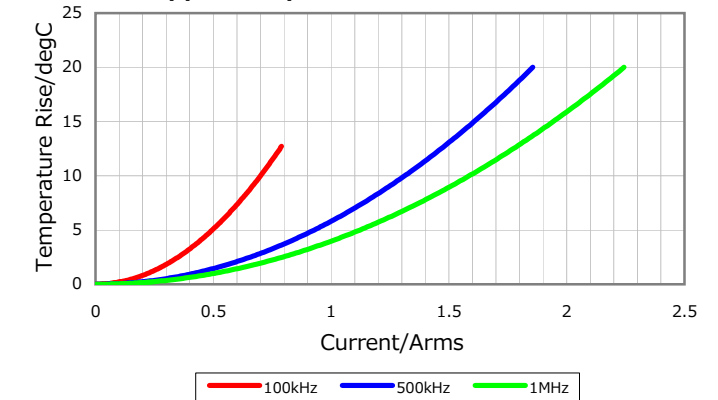
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 2, 2016