

C0510X6S0G104M030AC

TDK Item Description : C0510X6S0G104MT****

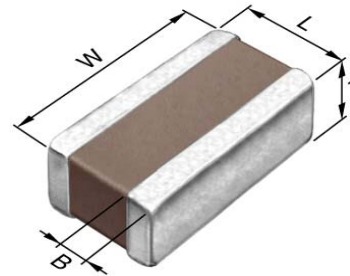


Application & Main Feature

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

100nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

12% Max.

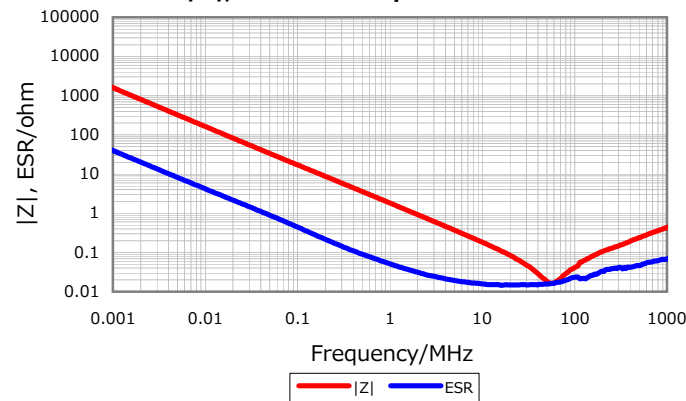
Insulation Resistance

1Gohm Min.

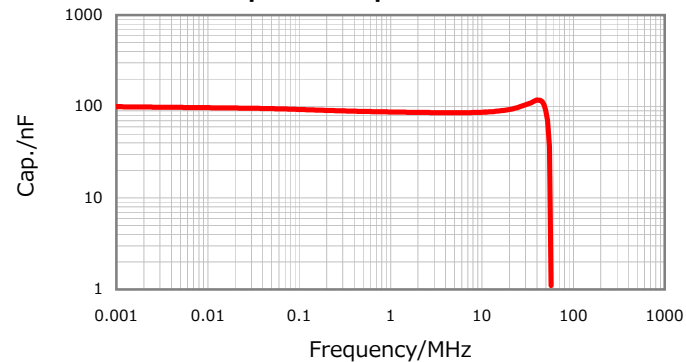
AEC-Q200

Not Applicable

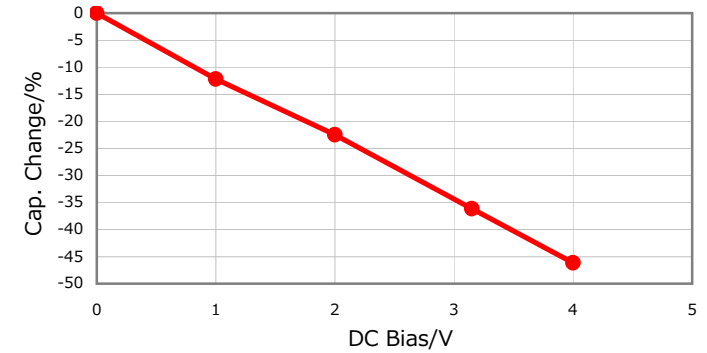
|Z|, ESR vs. Freq. Characteristics



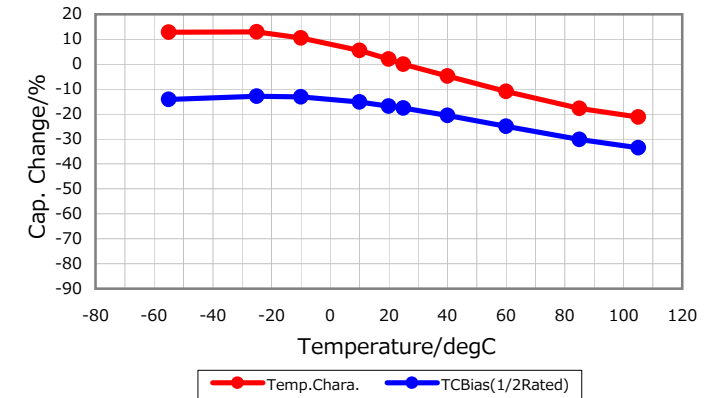
Cap. vs. Freq. Characteristic



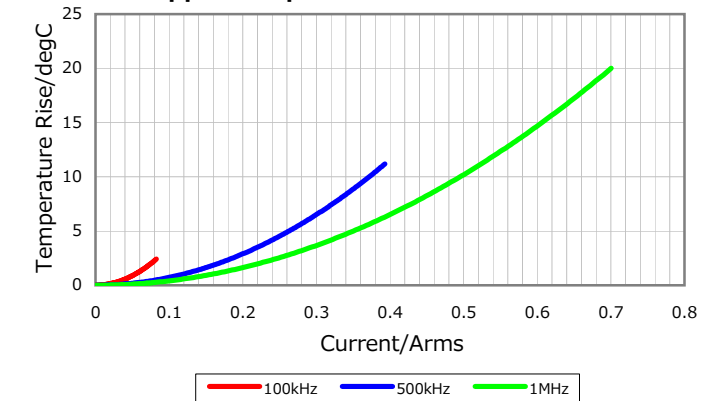
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 2, 2016