

C0510X5R0J105M030AC

TDK Item Description : C0510X5R0J105MT****

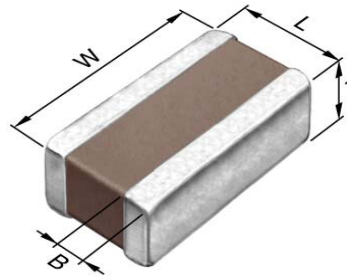


Application & Main Feature

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

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

Rated Voltage

0J (6.3Vdc)

Capacitance

1uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

10% Max.

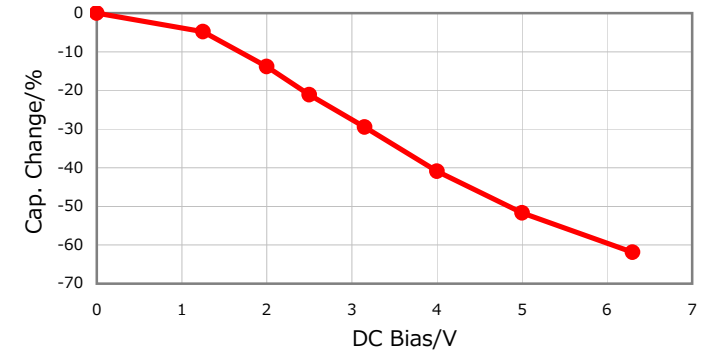
Insulation Resistance

100Mohm Min.

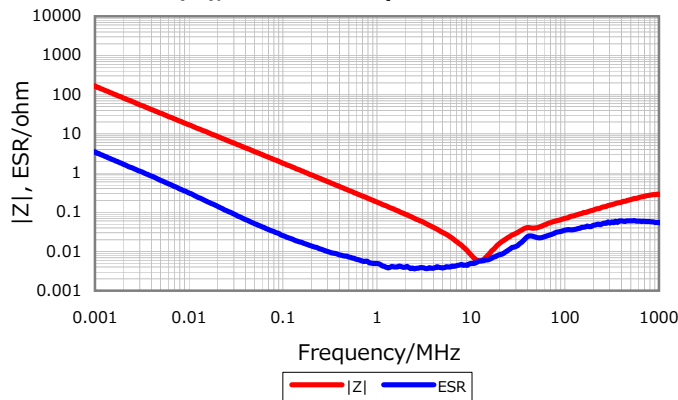
AEC-Q200

Not Applicable

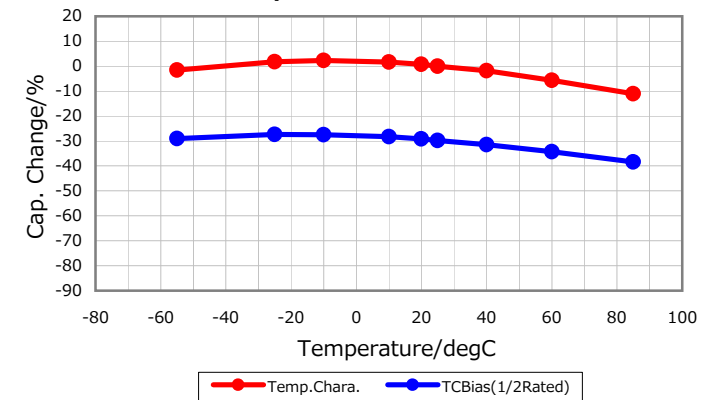
DC Bias Characteristic



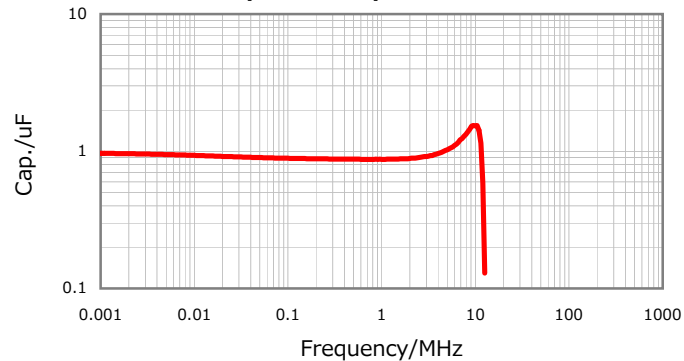
|Z|, ESR vs. Freq. Characteristics



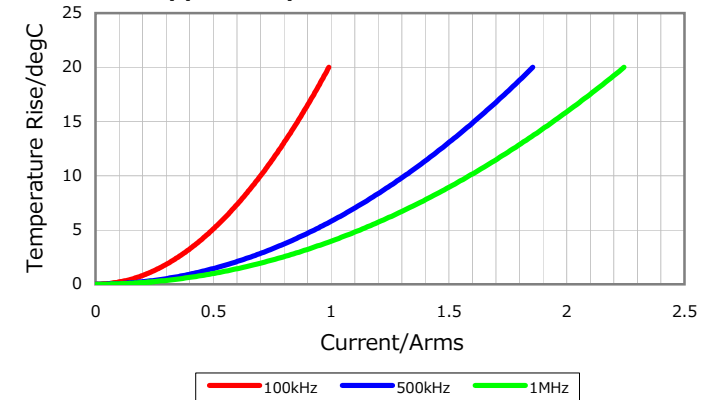
Temperature Characteristic



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristic



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

September 27, 2013