

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.

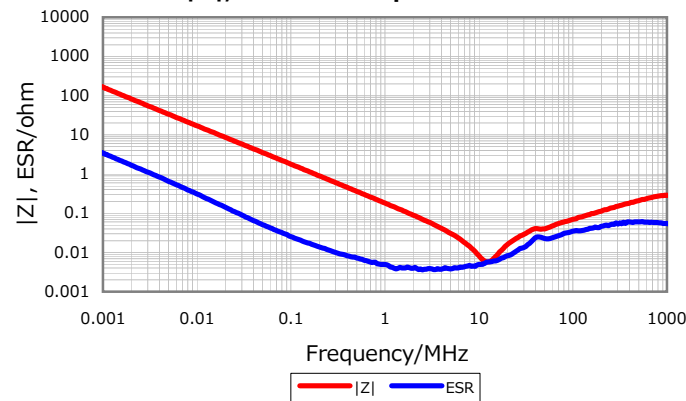
Insulation Resistance

100Mohm Min.

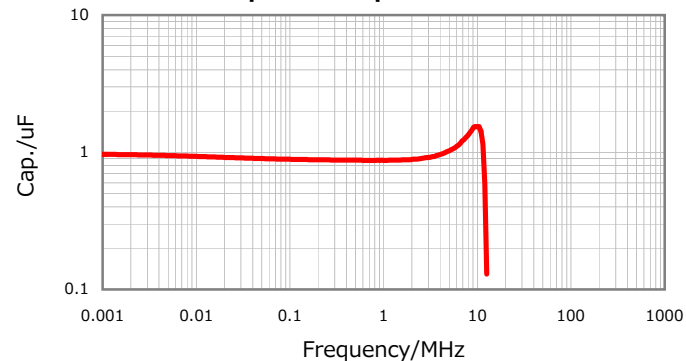
AEC-Q200

Not Applicable

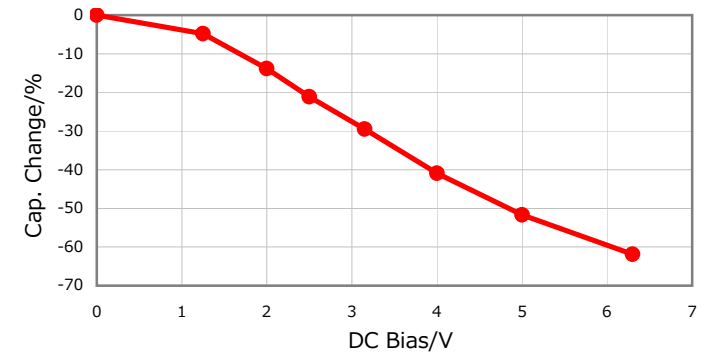
|Z|, ESR vs. Freq. Characteristics



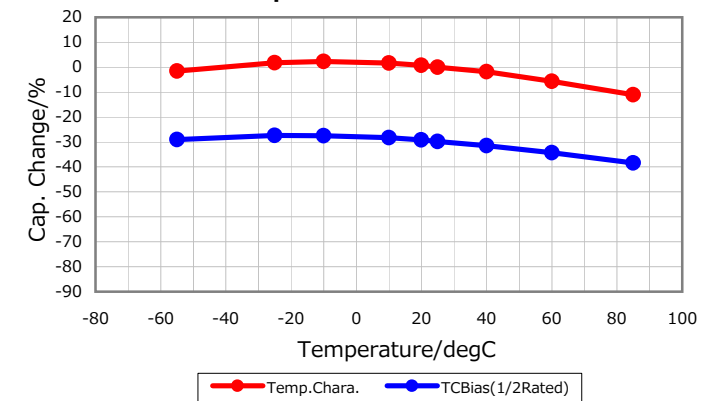
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

