

C0816X5R1C103M050AC

TDK Item Description : C0816X5R1C103MT****



Application & Main Feature

Commercial Grade (Low ESL Reverse Geometry)

Series

C0816 [EIA CC0306]



Dimensions

L 0.80mm +/-0.1mm
 W 1.60mm +/-0.1mm
 T 0.50mm +/-0.1mm
 B 0.10mm Min.

Temperature Characteristic

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

Rated Voltage

1C (16Vdc)

Capacitance

10nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

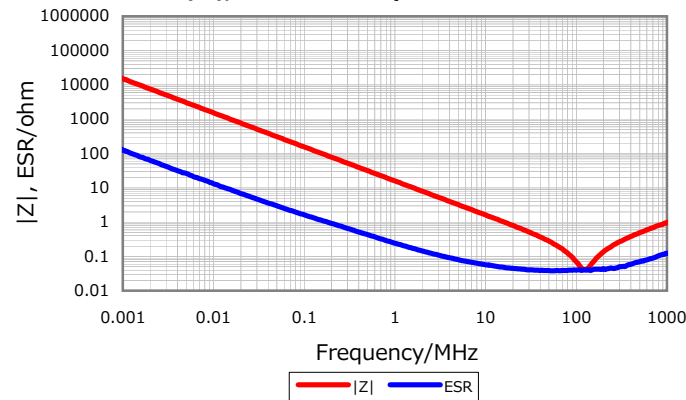
Insulation Resistance

10Gohm Min.

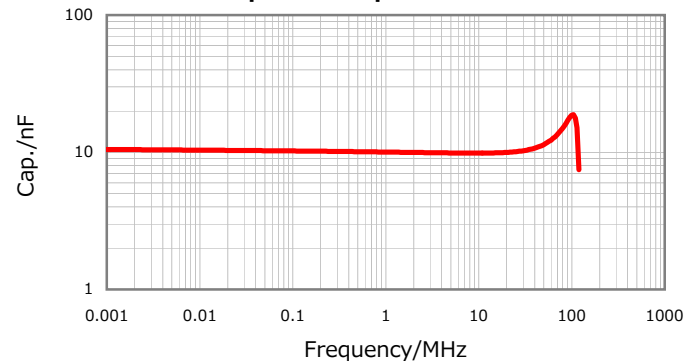
AEC-Q200

Not Applicable

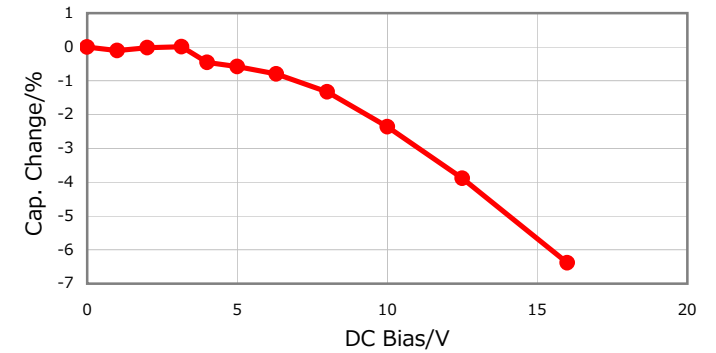
|Z|, ESR vs. Freq. Characteristics



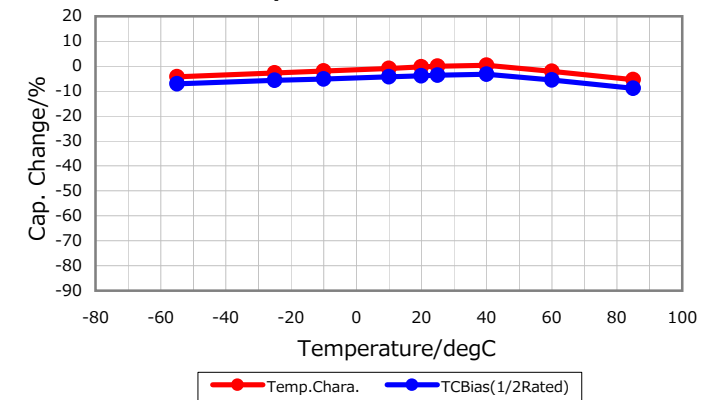
Cap. vs. Freq. Characteristic



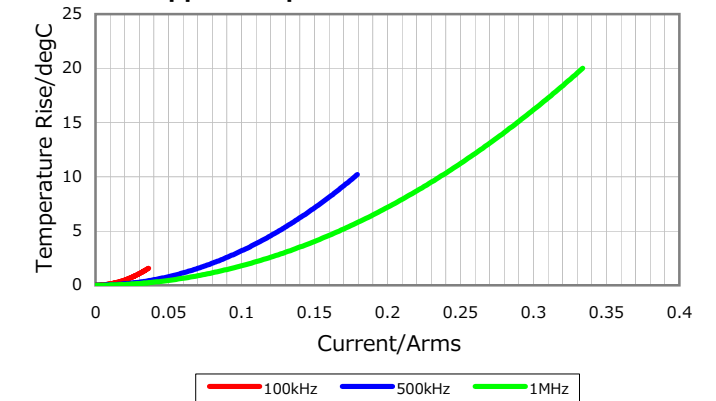
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 3, 2016