

C0816X5R0J105M050AC

TDK Item Description : C0816X5R0J105MT****

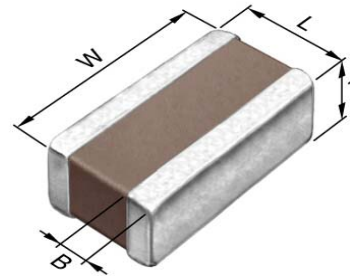


Application & Main Feature

Commercial Grade (Low ESL Reverse Geometry)

Series

C0816 [EIA CC0306]



Dimensions

L 0.80mm +/-0.15mm
 W 1.60mm +/-0.2mm
 T 0.50mm +/-0.1mm
 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

12% Max.

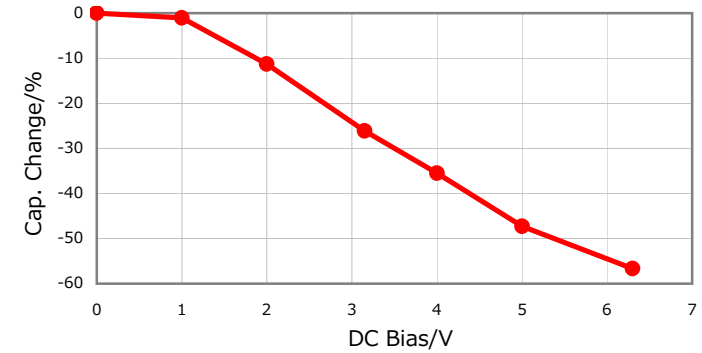
Insulation Resistance

100Mohm Min.

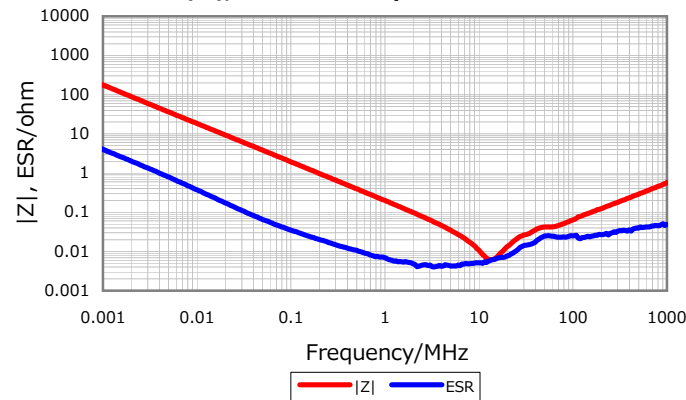
AEC-Q200

Not Applicable

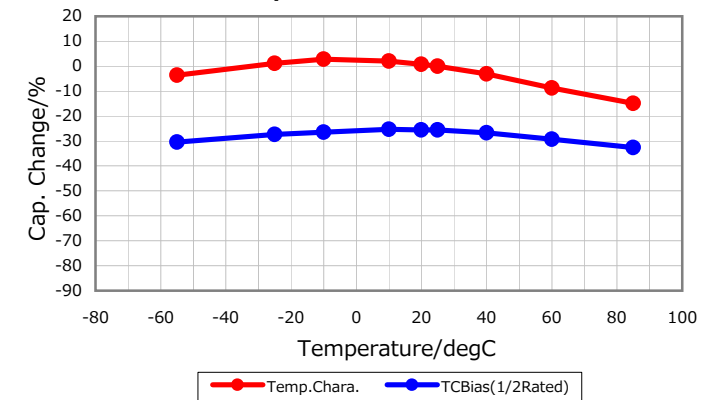
DC Bias Characteristic



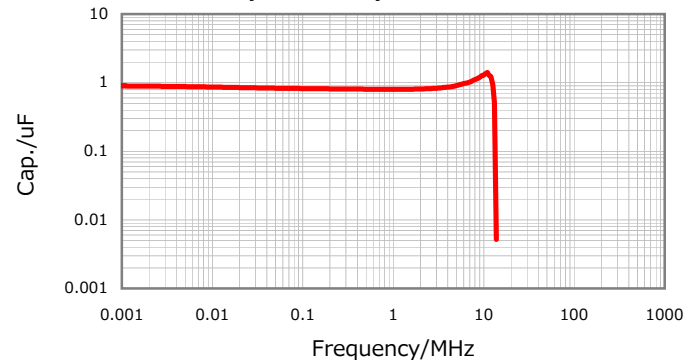
|Z|, ESR vs. Freq. Characteristics



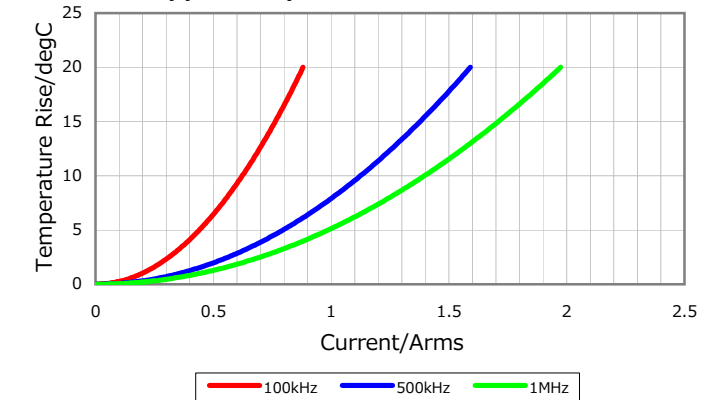
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 3, 2016