

C0816X5R1C105M050AC

TDK Item Description : C0816X5R1C105MT****

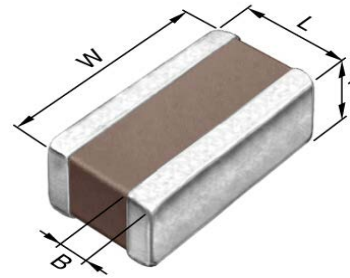


Application & Main Feature

Commercial Grade (Low ESL Reverse Geometry)

Series

C0816 [EIA 0306]



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

1C (16Vdc)

Capacitance

1uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

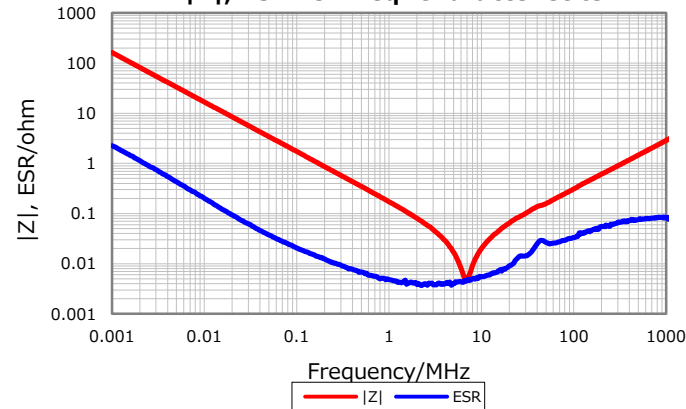
Insulation Resistance

100Mohm Min.

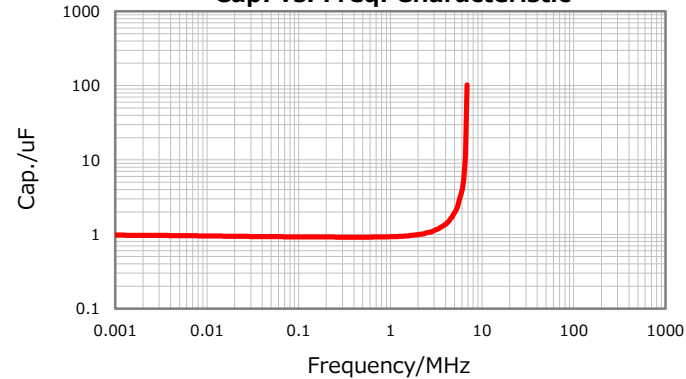
AEC-Q200

Not Applicable

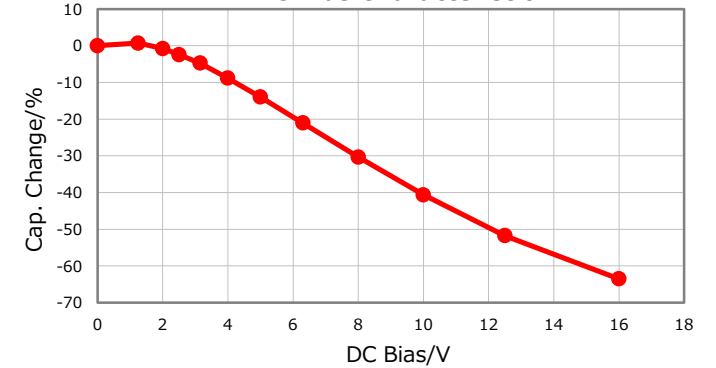
|Z|, ESR vs. Freq. Characteristics



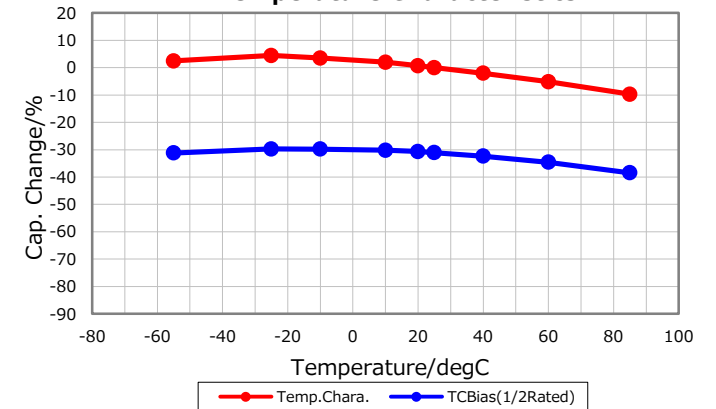
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

