

C0816X7R1C223M050AC

TDK Item Description : C0816X7R1C223MT****

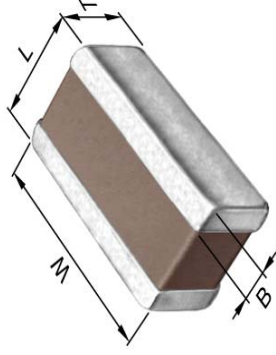


Application & Main Feature

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

X7R (-55 to 125 degC +/-15%)

Rated Voltage

1C (16Vdc)

Capacitance

22nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

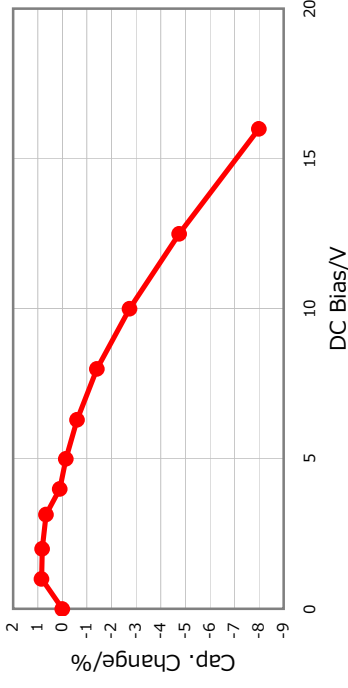
Insulation Resistance

4.55Gohm Min.

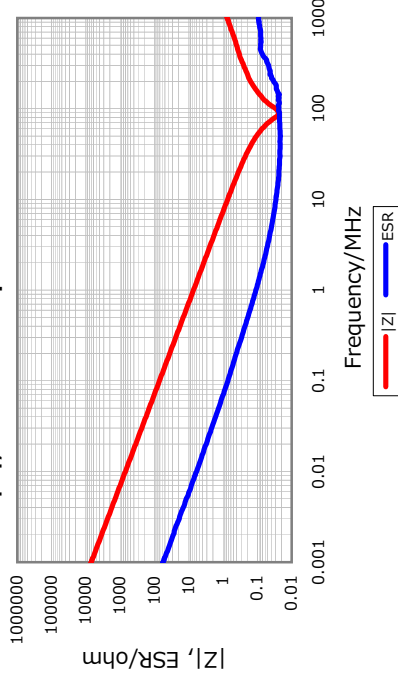
AEC-Q200

Not Applicable

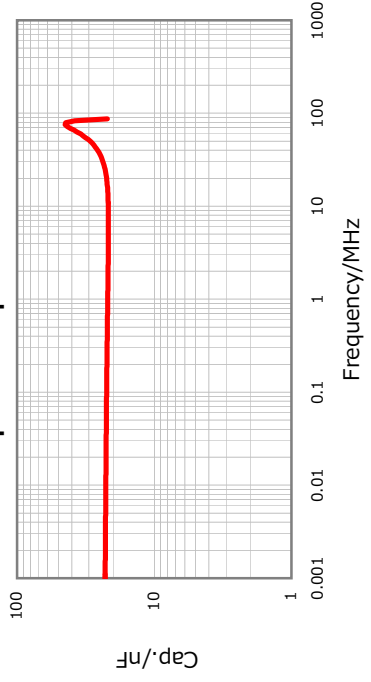
DC Bias Characteristic



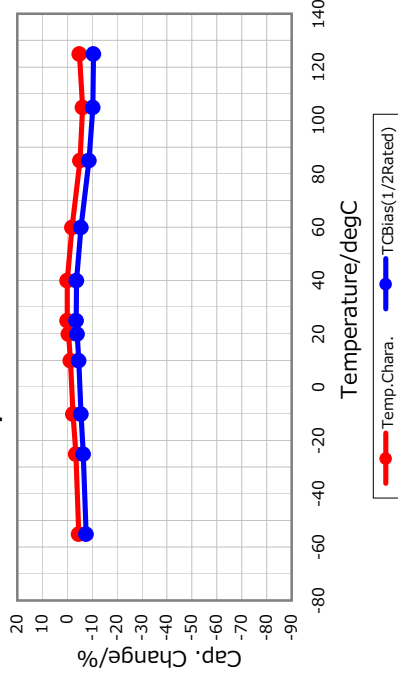
|Z|, ESR vs. Freq. Characteristics



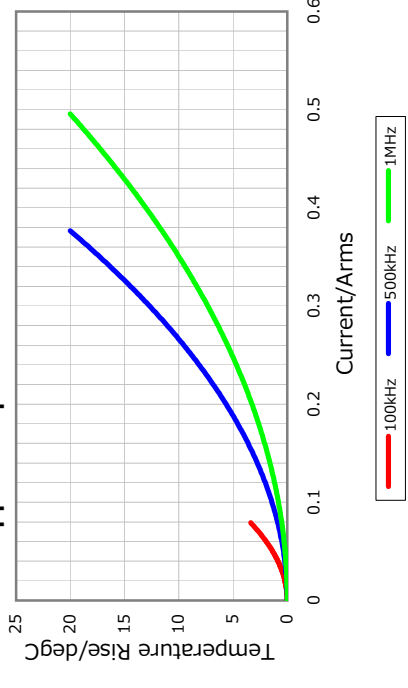
Cap. vs. Freq. Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 3, 2016