

C0816X7S0G225M050AC

TDK Item Description : C0816X7S0G225MT****



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

X7S (-55 to 125 degC +/-22%)

Rated Voltage

0G (4Vdc)

Capacitance

2.2uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

10% Max.

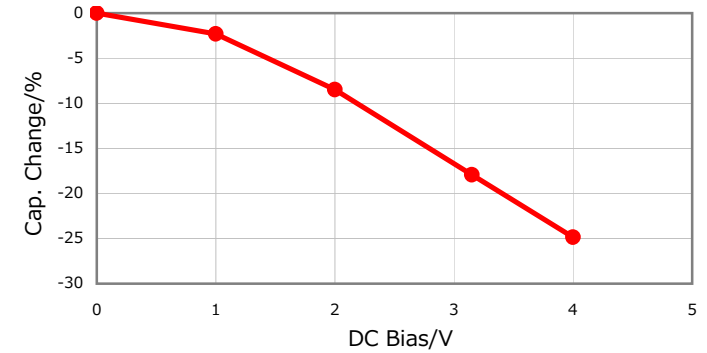
Insulation Resistance

45Mohm Min.

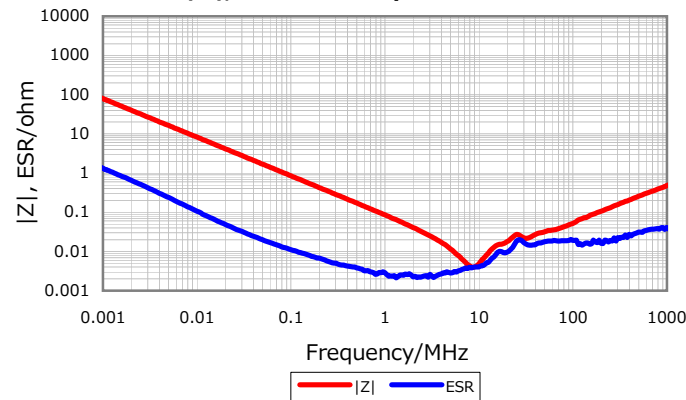
AEC-Q200

Not Applicable

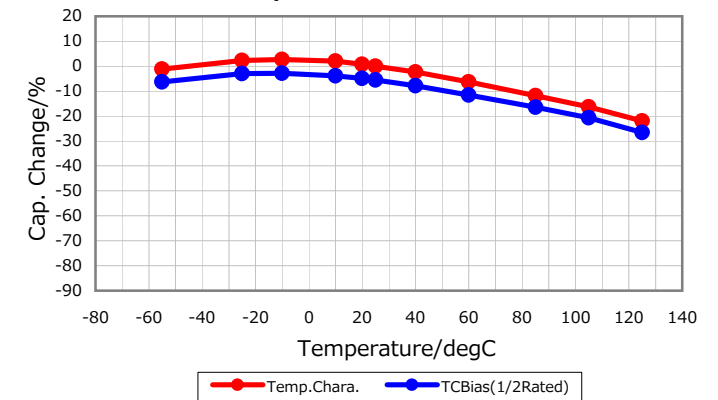
DC Bias Characteristic



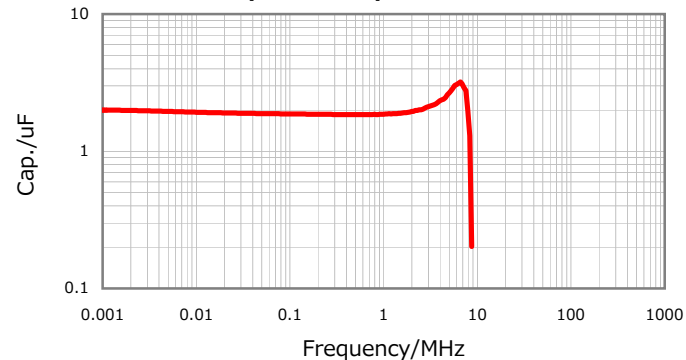
|Z|, ESR vs. Freq. Characteristics



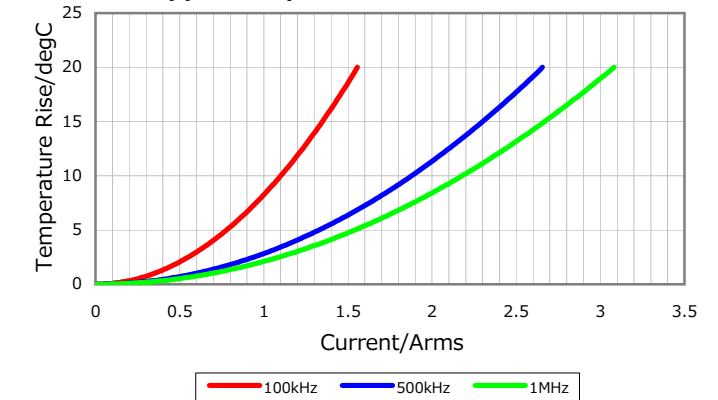
Temperature Characteristics



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