

C3225X7S1H106M250AE

TDK Item Description : C3225X7S1H106MT***S



Application & Main Feature

Commercial Grade (Soft Termination)

Series

C3225 [EIA CC1210]



Dimensions

L	3.20mm +0.5,-0.4mm
W	2.50mm +/-0.3mm
T	2.50mm +/-0.3mm
B	0.20mm Min.
G	

Temperature Characteristic

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

Rated Voltage

1H (50Vdc)

Capacitance

10uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

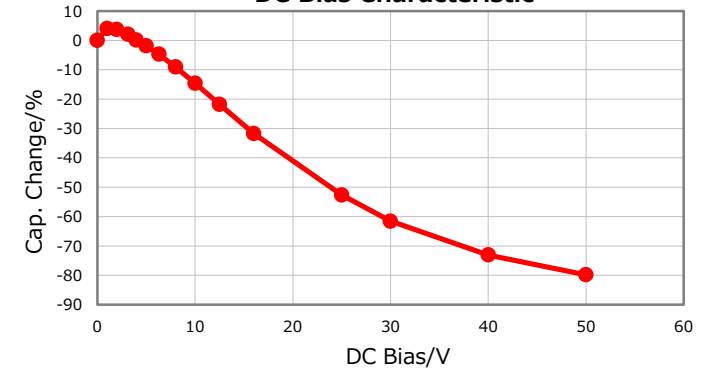
Insulation Resistance

50Mohm Min.

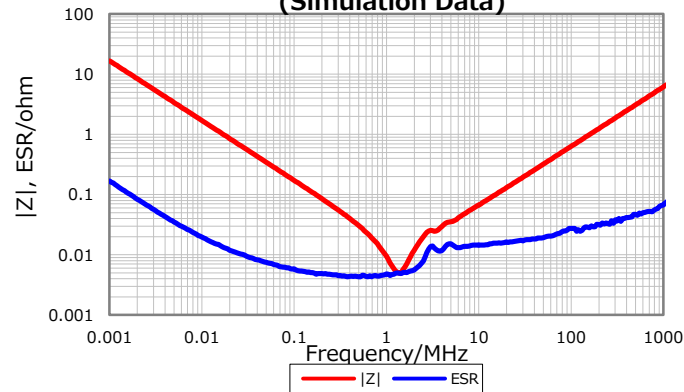
AEC-Q200

Not Applicable

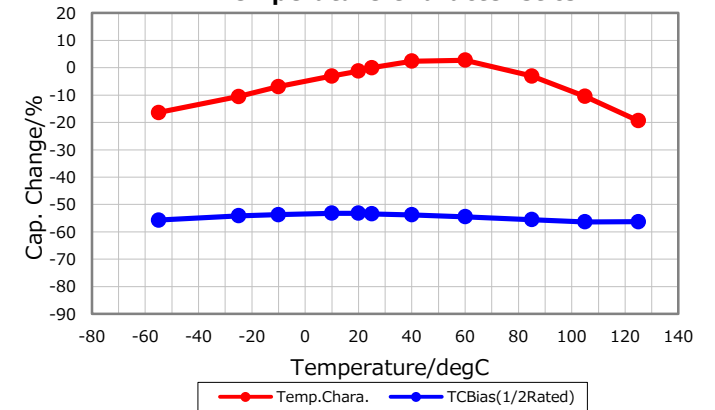
DC Bias Characteristic



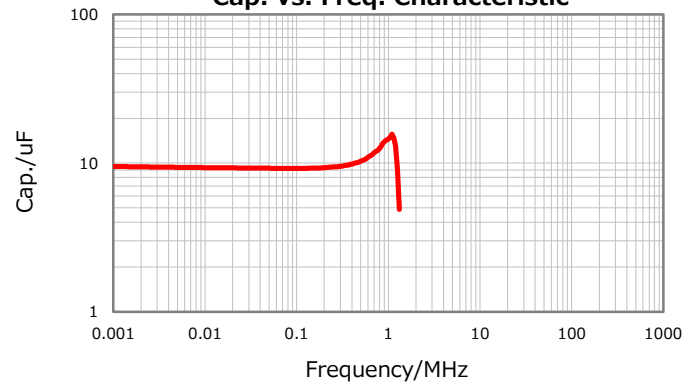
|Z|, ESR vs. Freq. Characteristics (Simulation Data)



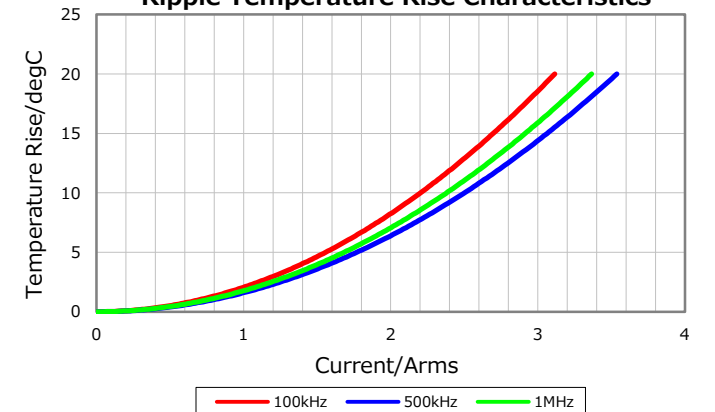
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

March 16, 2017