

C3225X5R1H685K250AB

TDK Item Description : C3225X5R1H685KT****



Application & Main Feature

Commercial Grade (General (Up to 50V))

Series

C3225 [EIA CC1210]



Dimensions

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

Temperature Characteristic

X5R (-55 to 85 degC +/-15%)

Rated Voltage

1H (50Vdc)

Capacitance

6.8uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

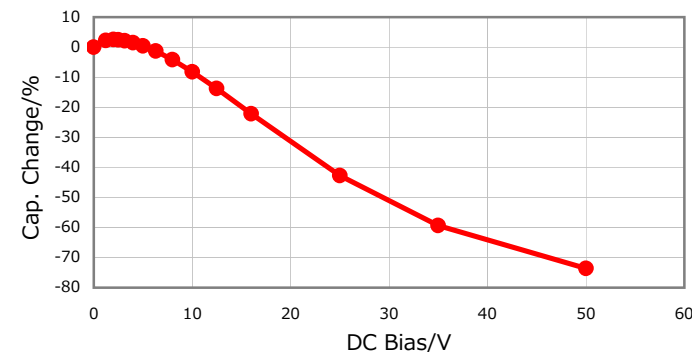
Insulation Resistance

73Mohm Min.

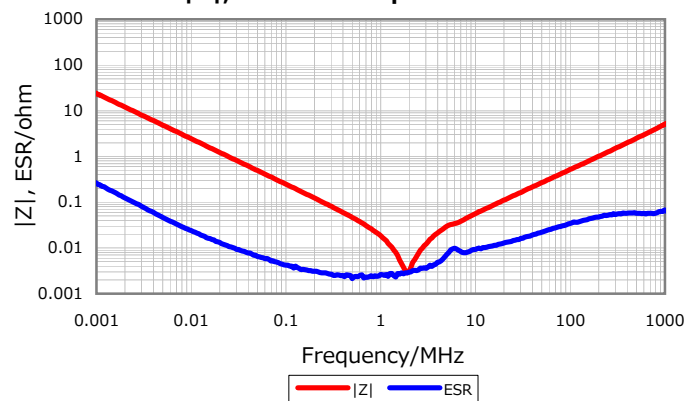
AEC-Q200

Not Applicable

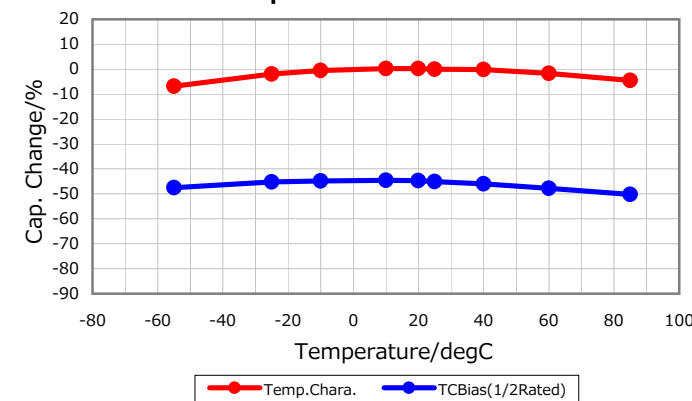
DC Bias Characteristic



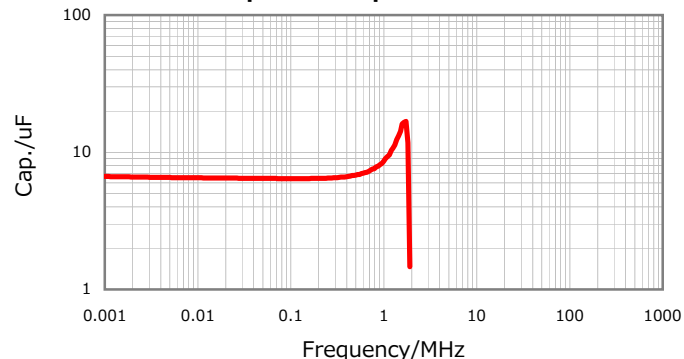
|Z|, ESR vs. Freq. Characteristics



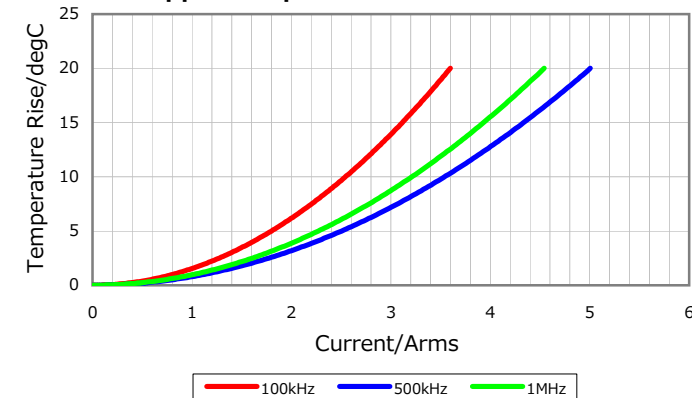
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



⚠ All specifications are subject to change without notice.

January 4, 2016