

C1220X5R1A105M085AC

TDK Item Description : C1220X5R1A105MT****



Application & Main Feature

Commercial Grade (Low ESL Reverse Geometry)

Series

C1220 [EIA CC0508]



Dimensions

L 1.25mm +/-0.2mm
 W 2.00mm +/-0.2mm
 T 0.85mm +/-0.15mm
 B 0.20mm Min.

Temperature Characteristic

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

Rated Voltage

1A (10Vdc)

Capacitance

1uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

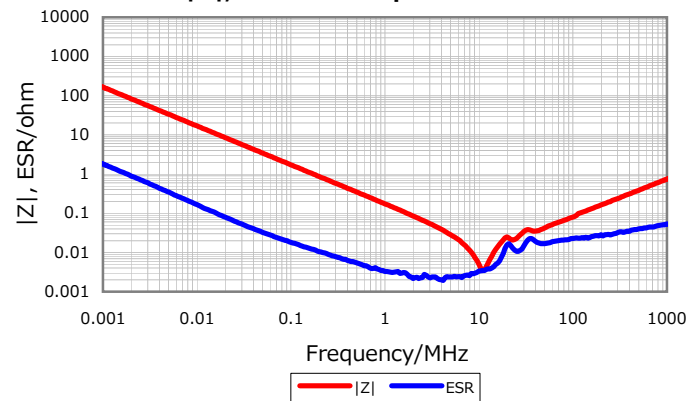
Insulation Resistance

100Mohm Min.

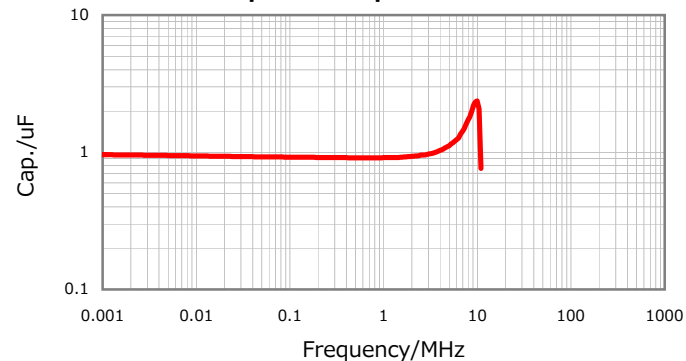
AEC-Q200

Not Applicable

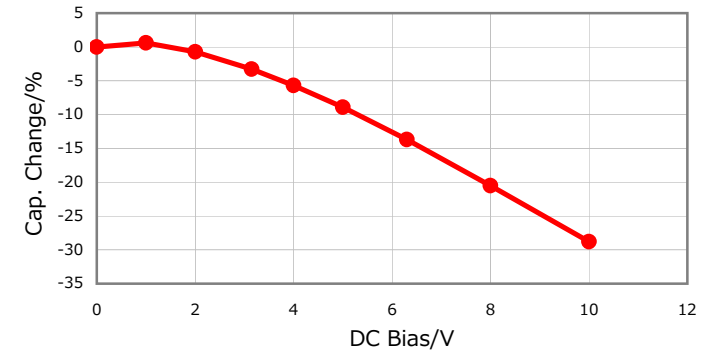
|Z|, ESR vs. Freq. Characteristics



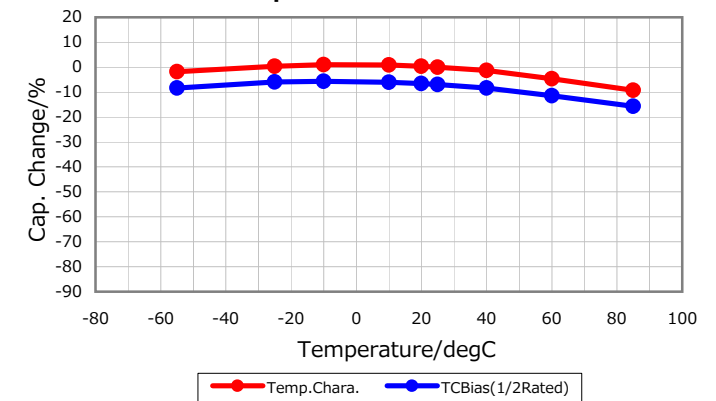
Cap. vs. Freq. Characteristic



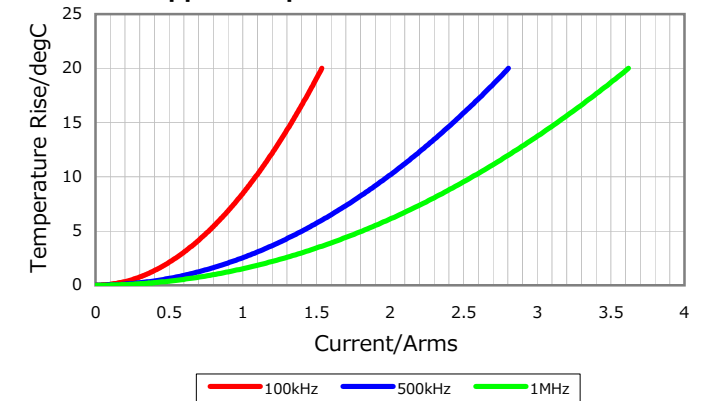
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 3, 2016