

C1220X5R1E104M085AC

TDK Item Description : C1220X5R1E104MT****



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

1E (25Vdc)

Capacitance

100nF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

3% Max.

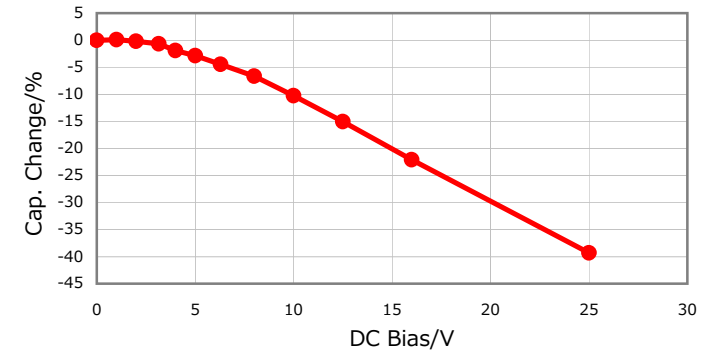
Insulation Resistance

5Gohm Min.

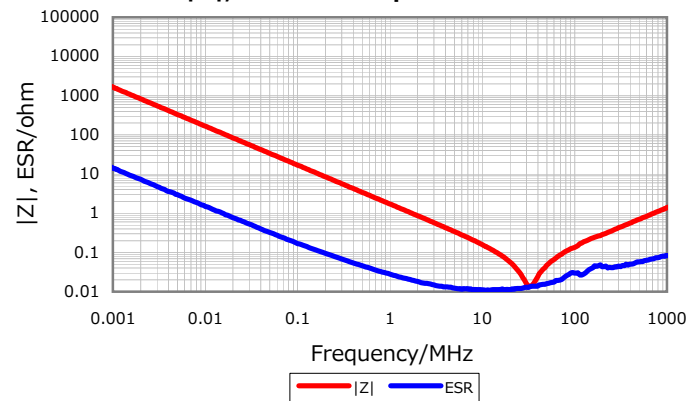
AEC-Q200

Not Applicable

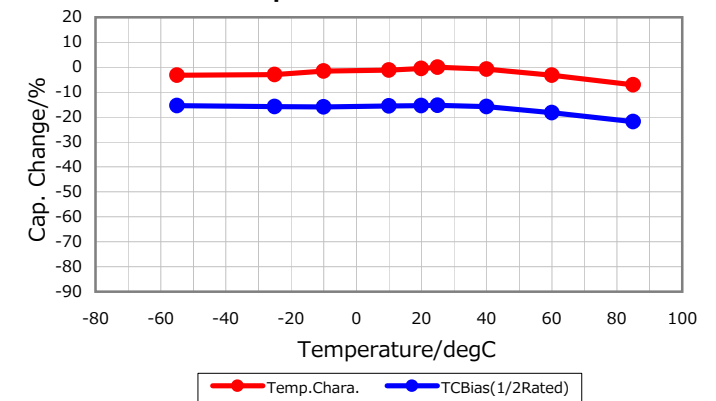
DC Bias Characteristic



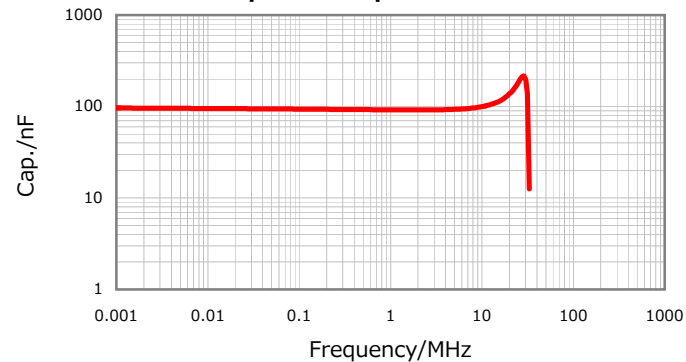
|Z|, ESR vs. Freq. Characteristics



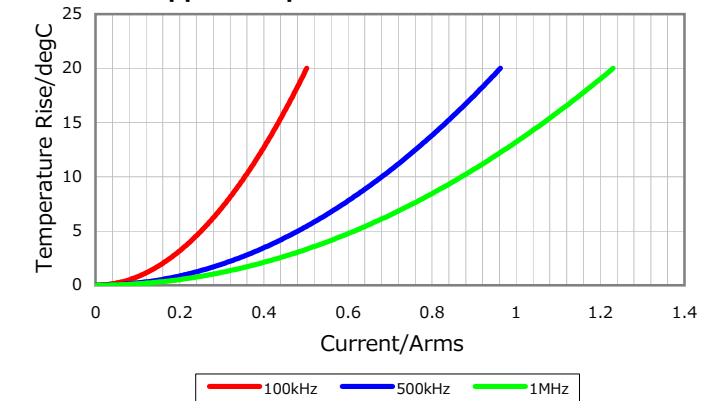
Temperature Characteristics



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