

C2012X7R1C225M125AB

TDK Item Description : C2012X7R1C225MT****



Application & Main Feature

Commercial Grade (General (Up to 50V))

Series

C2012 [EIA CC0805]

Dimensions

L 2.00mm +/-0.2mm
W 1.25mm +/-0.2mm
T 1.25mm +/-0.2mm
B 0.20mm Min.
G 0.50mm Min.

Temperature Characteristic

X7R (-55 to 125 degC +/-15%)

Rated Voltage

1C (16Vdc)

Capacitance

2.2uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

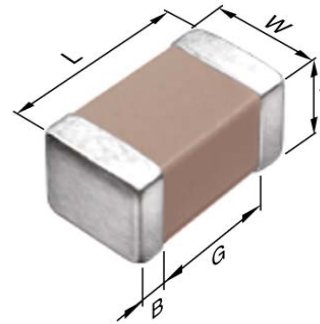
7.5% Max.

Insulation Resistance

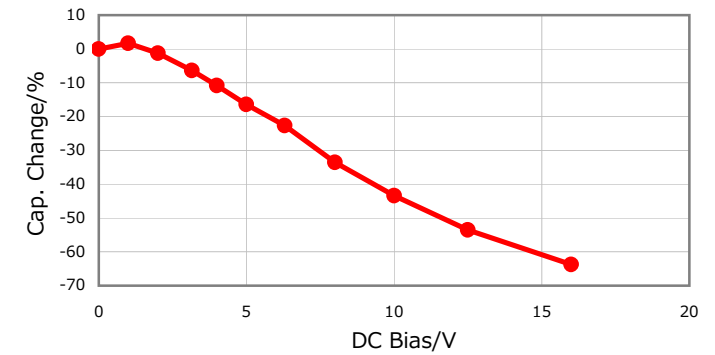
45Mohm Min.

AEC-Q200

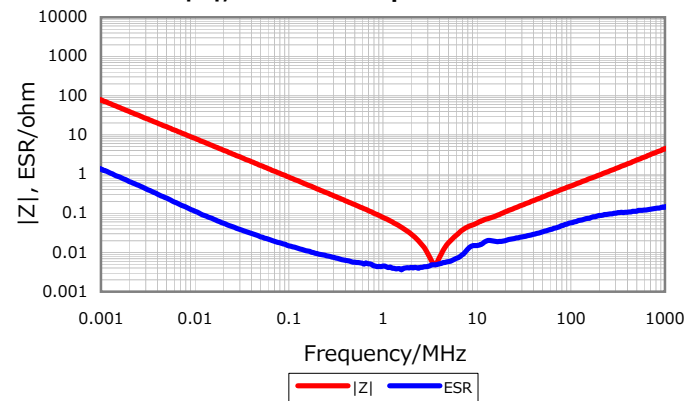
Not Applicable



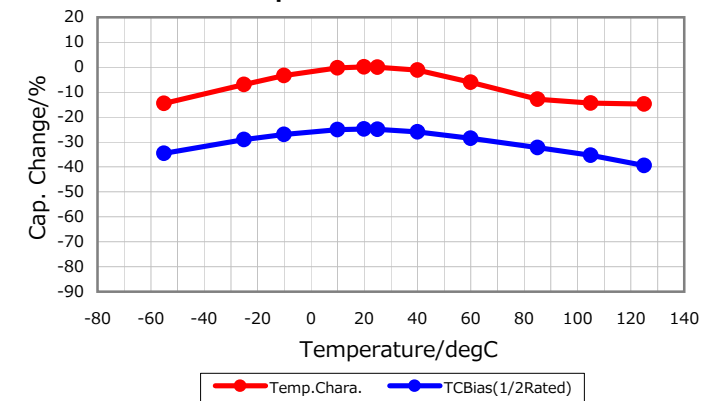
DC Bias Characteristic



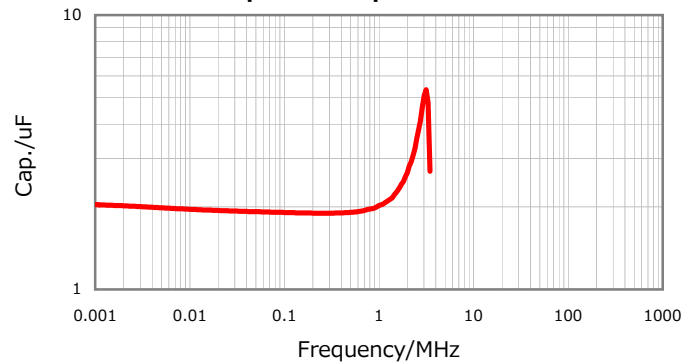
|Z|, ESR vs. Freq. Characteristics



Temperature Characteristic



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristic

