

C2012X5R1A225M085AA

TDK Item Description : C2012X5R1A225MT****

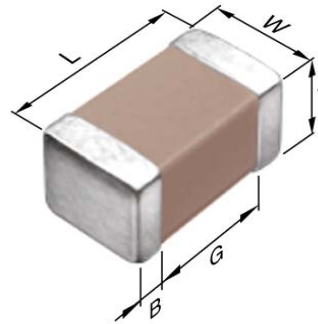


Application & Main Feature

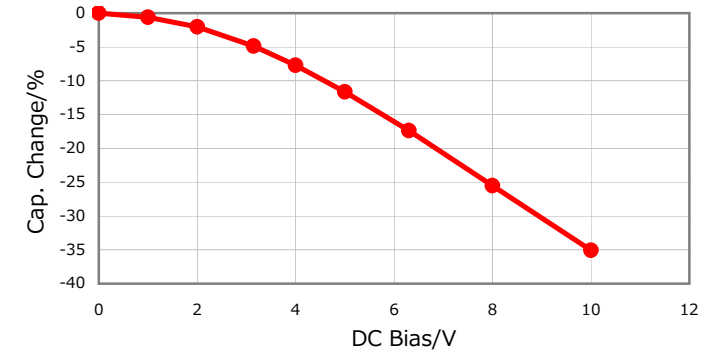
Commercial Grade (General (Up to 50V))

Series

C2012 [EIA CC0805]



DC Bias Characteristic



Dimensions

L 2.00mm +/-0.2mm
W 1.25mm +/-0.2mm
T 0.85mm +/-0.15mm
B 0.20mm Min.
G 0.50mm Min.

Temperature Characteristic

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

Rated Voltage

1A (10Vdc)

Capacitance

2.2uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

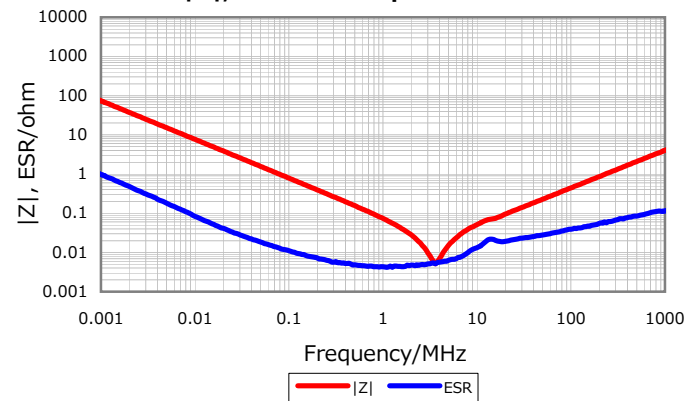
Insulation Resistance

45Mohm Min.

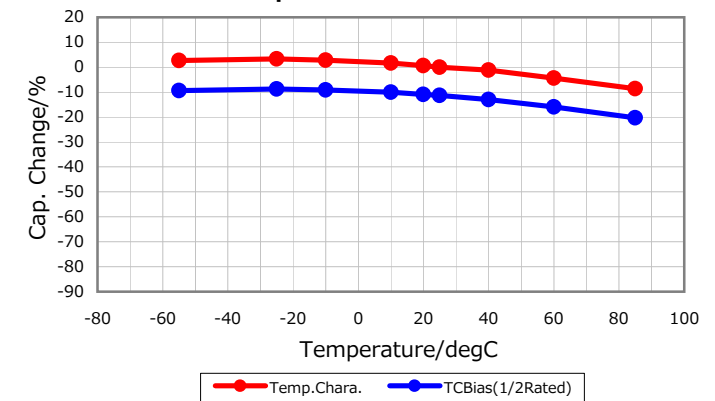
AEC-Q200

Not Applicable

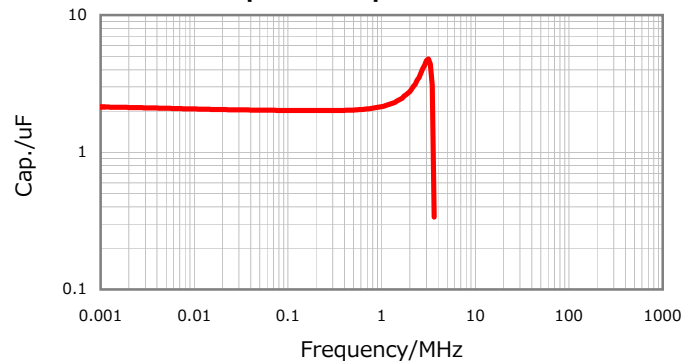
|Z|, ESR vs. Freq. Characteristics



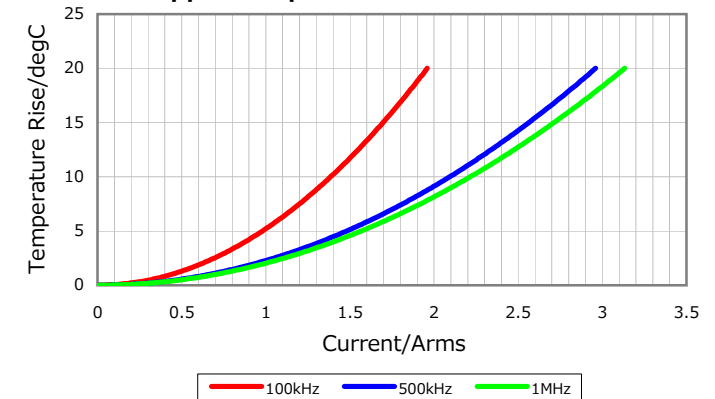
Temperature Characteristic



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristic



All specifications are subject to change without notice.

September 28, 2013