

C2012X7R2A104K125AE

TDK Item Description : C2012X7R2A104KT***S



Application & Main Feature

Commercial Grade (Soft Termination)

Series

C2012 [EIA CC0805]

Dimensions

L 2.00mm +0.45,-0.2mm
W 1.25mm +0.25,-0.2mm
T 1.25mm +0.25,-0.2mm
B 0.20mm Min.
G 0.50mm Min.

Temperature Characteristic

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

Rated Voltage

2A (100Vdc)

Capacitance

100nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

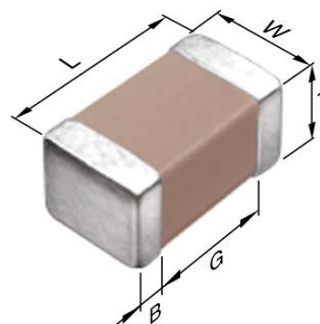
3% Max.

Insulation Resistance

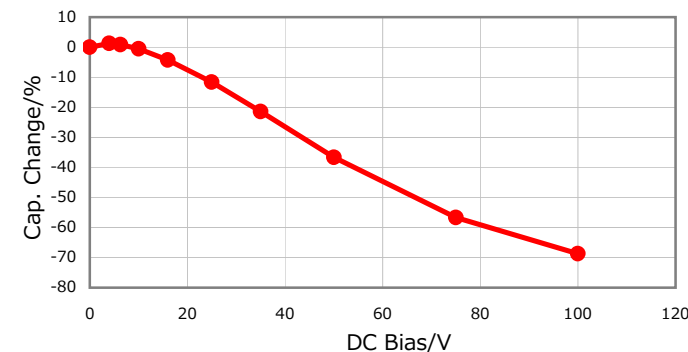
5Gohm Min.

AEC-Q200

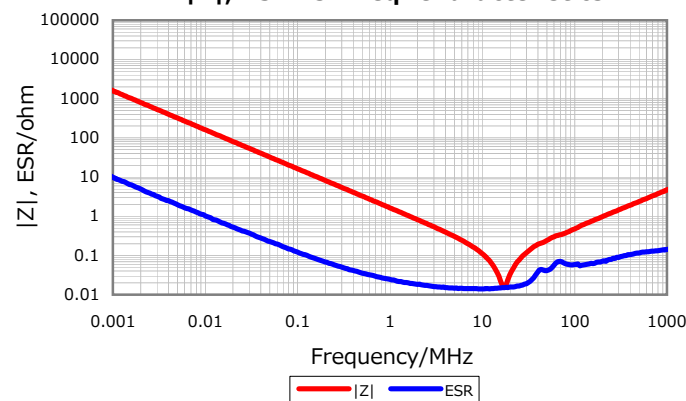
Not Applicable



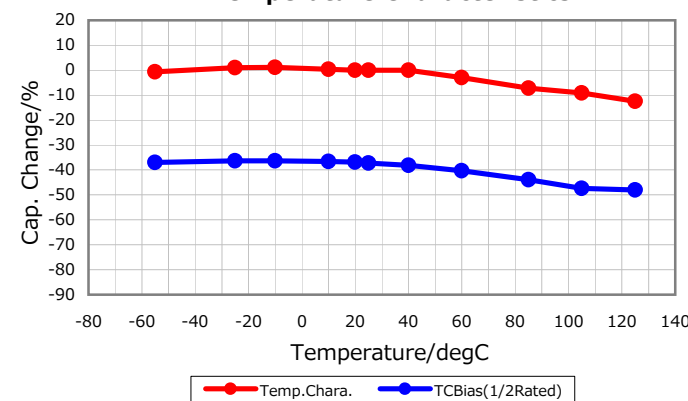
DC Bias Characteristic



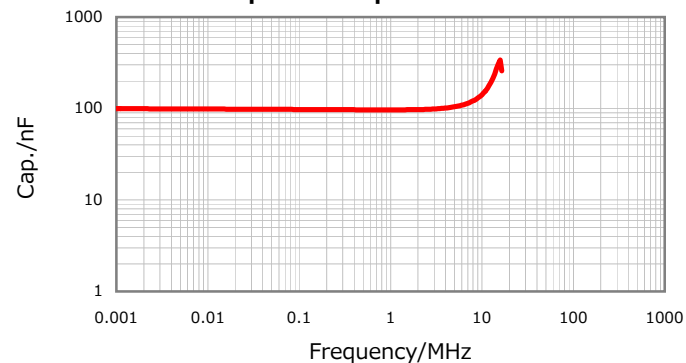
|Z|, ESR vs. Freq. Characteristics



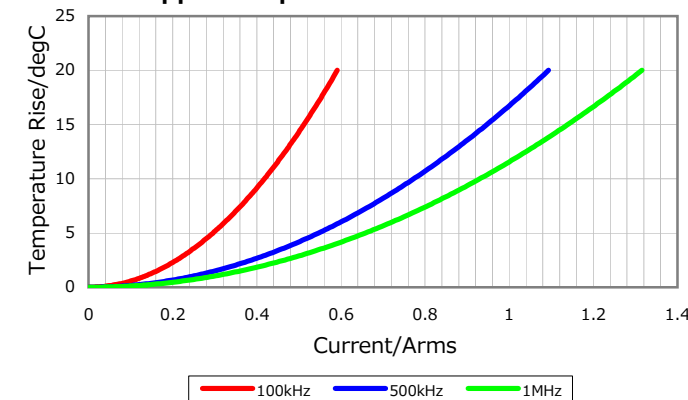
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 3, 2016