

C2012X7R1V475K125AE

TDK Item Description : C2012X7R1V475KT***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

1V (35Vdc)

Capacitance

4.7uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

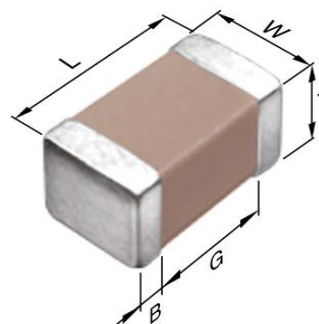
5% Max.

Insulation Resistance

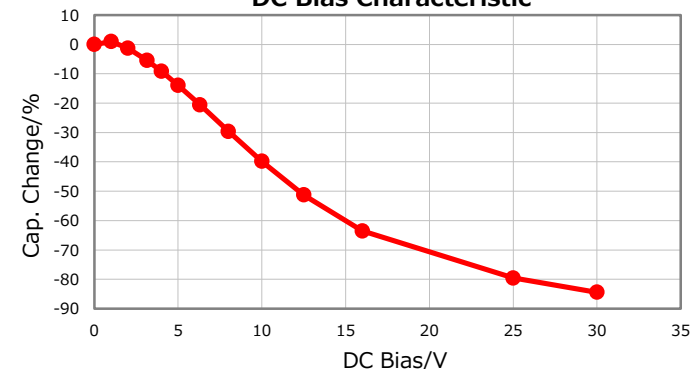
106Mohm Min.

AEC-Q200

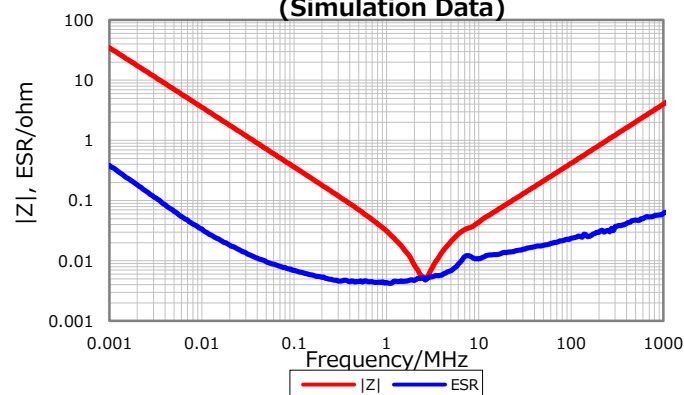
Not Applicable



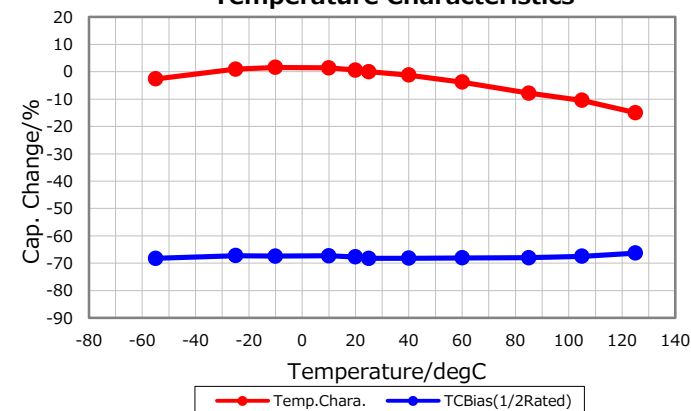
DC Bias Characteristic



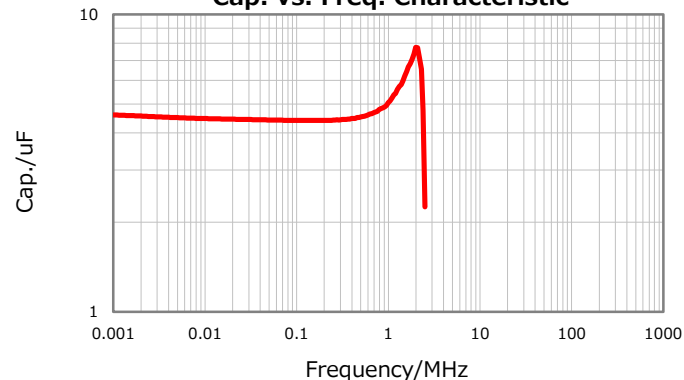
|Z|, ESR vs. Freq. Characteristics (Simulation Data)



Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics

