

C2012X7S2A224K085AB

TDK Item Description : C2012X7S2A224KT****

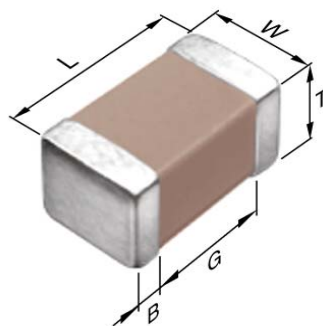


Application & Main Feature

Commercial Grade (Mid Voltage (100 to 630V))

Series

C2012 [EIA CC0805]



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

X7S (-55 to 125 degC +/-22%)

Rated Voltage

2A (100Vdc)

Capacitance

220nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

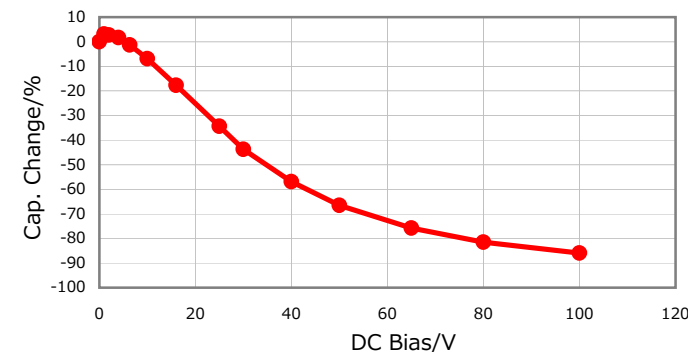
Insulation Resistance

2.27Gohm Min.

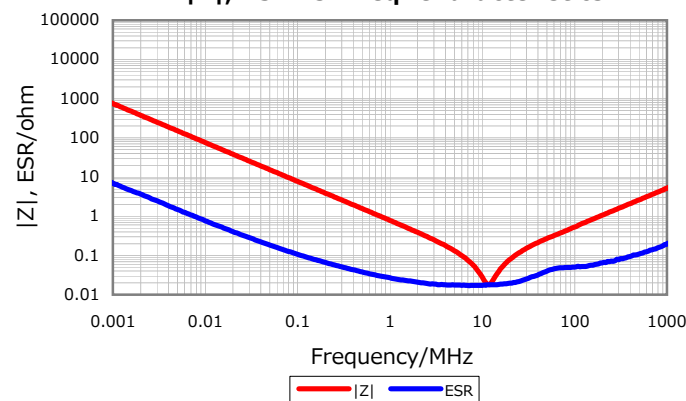
AEC-Q200

Not Applicable

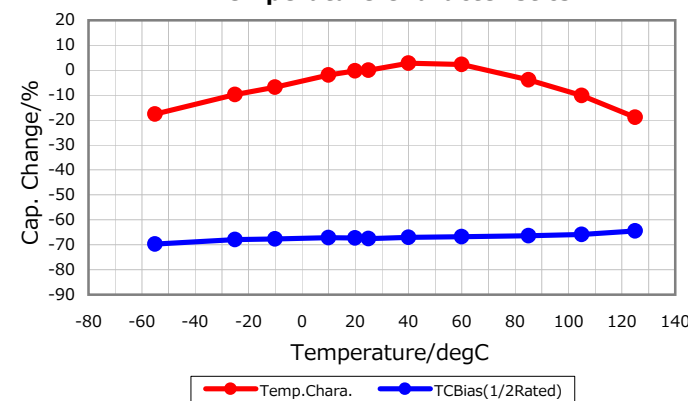
DC Bias Characteristic



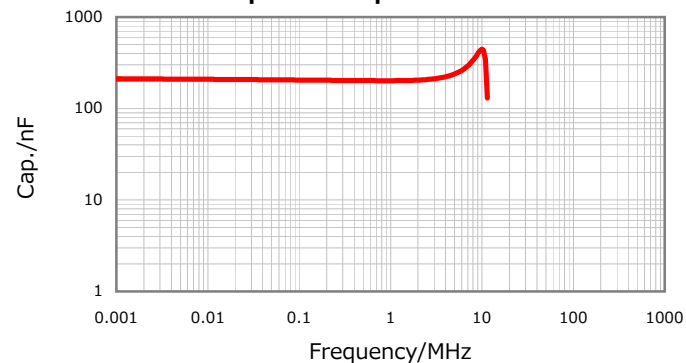
|Z|, ESR vs. Freq. Characteristics



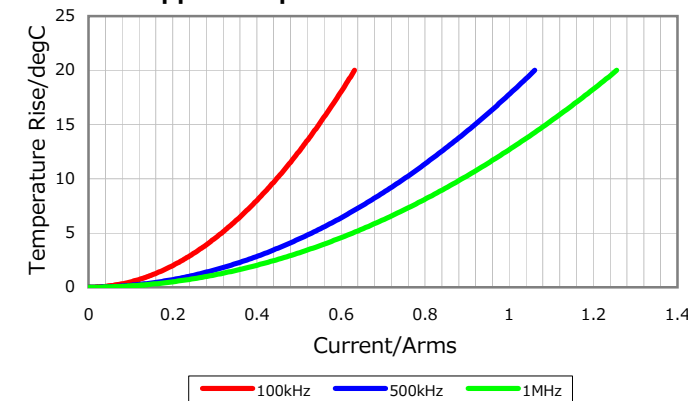
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 3, 2016