

C2012X7S2A154K085AB

TDK Item Description : C2012X7S2A154KT****



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

150nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

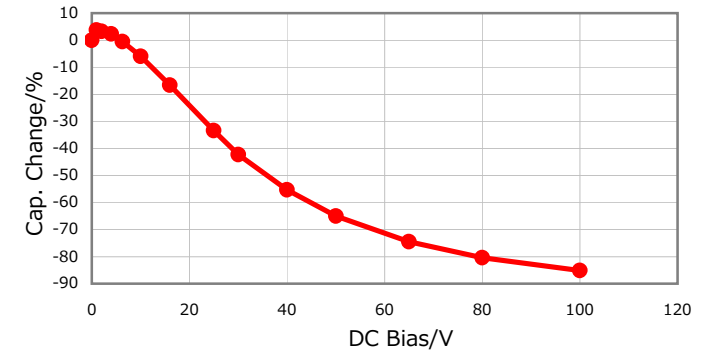
Insulation Resistance

3.33Gohm Min.

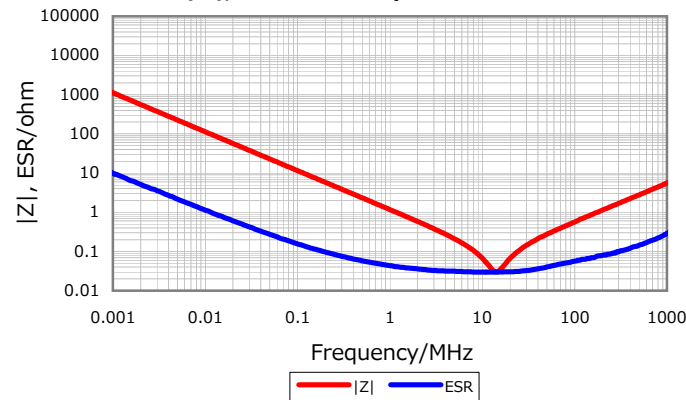
AEC-Q200

Not Applicable

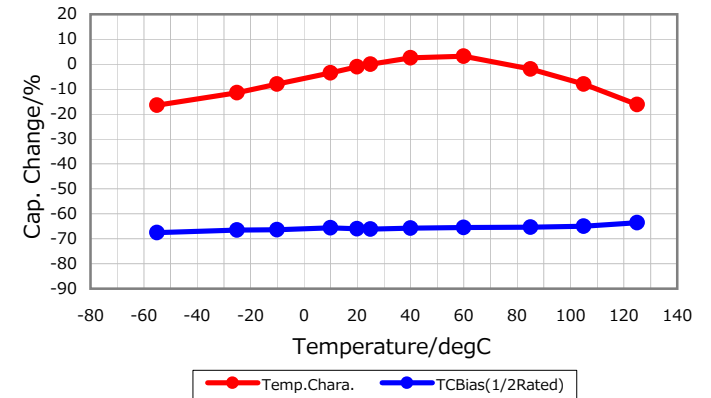
DC Bias Characteristic



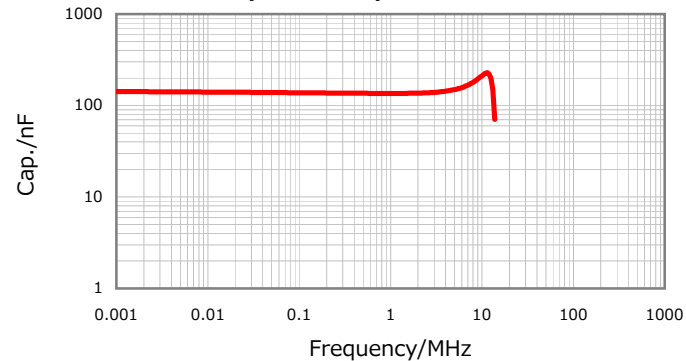
|Z|, ESR vs. Freq. Characteristics



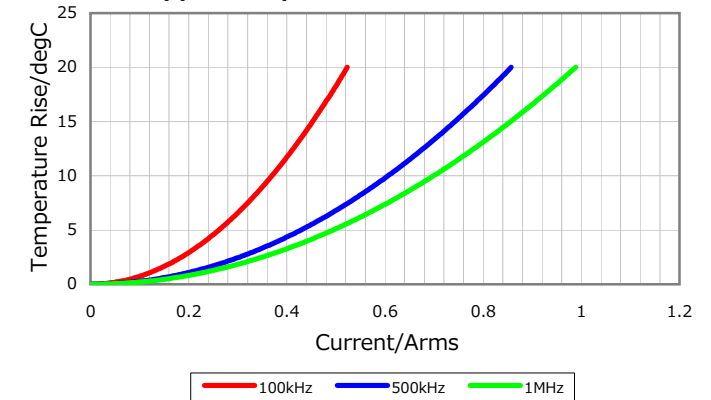
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 3, 2016