

C2012X7R1V225K085AC

TDK Item Description : C2012X7R1V225KT****



Application & Main Feature

Commercial Grade (General (Up to 50V))

Series

C2012 [EIA 0805]



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

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

Rated Voltage

1V (35Vdc)

Capacitance

2.2uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

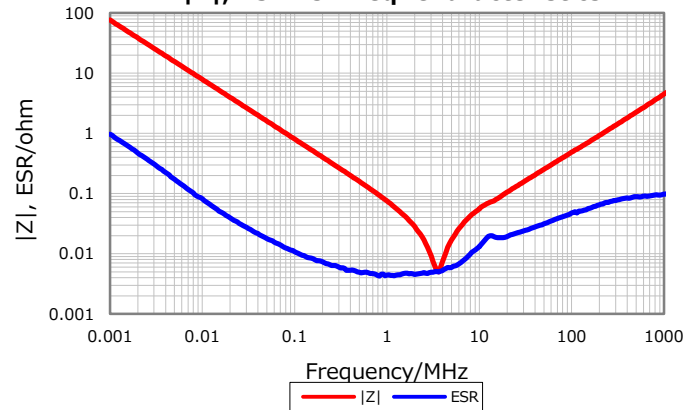
Insulation Resistance

227Mohm Min.

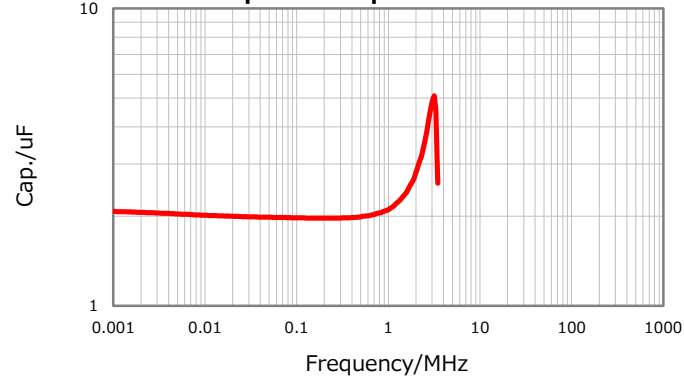
AEC-Q200

Not Applicable

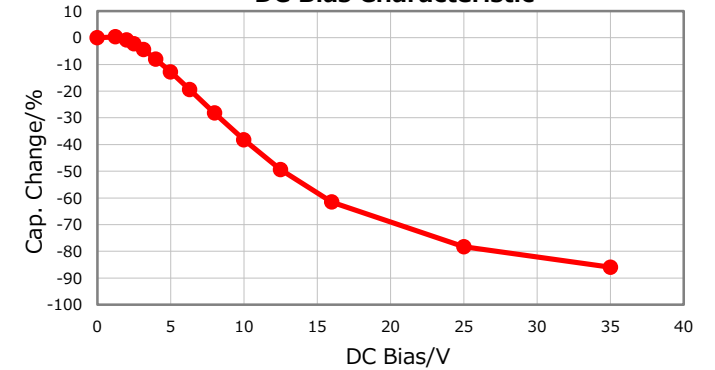
|Z|, ESR vs. Freq. Characteristics



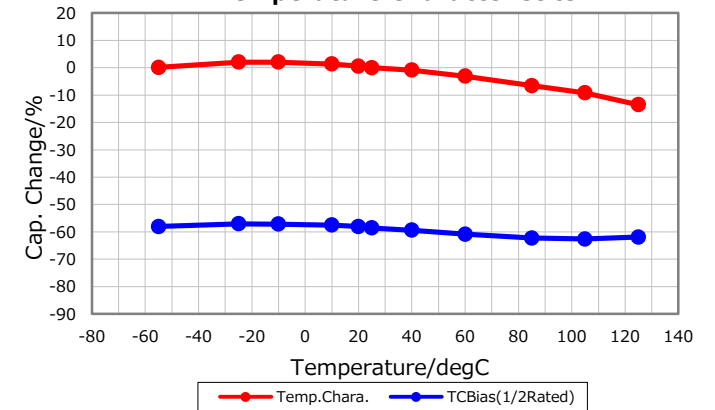
Cap. vs. Freq. Characteristic



DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics

