

C3216X7T2W104K160AE

TDK Item Description : C3216X7T2W104KT***S



Application & Main Feature

Commercial Grade (Soft Termination)

Series

C3216 [EIA CC1206]



Dimensions

L 3.20mm +0.4,-0.2mm
 W 1.60mm +0.3,-0.2mm
 T 1.60mm +0.3,-0.2mm
 B 0.20mm Min.
 G 1.00mm Min.

Temperature Characteristic

X7T (-55 to 125 degC +22,-33%)

Rated Voltage

2W (450Vdc)

Capacitance

100nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

2.5% Max.

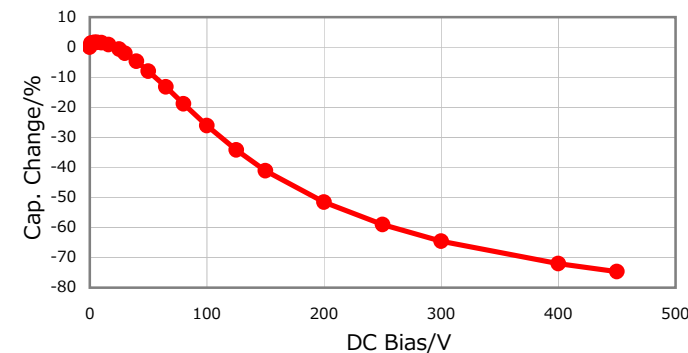
Insulation Resistance

5Gohm Min.

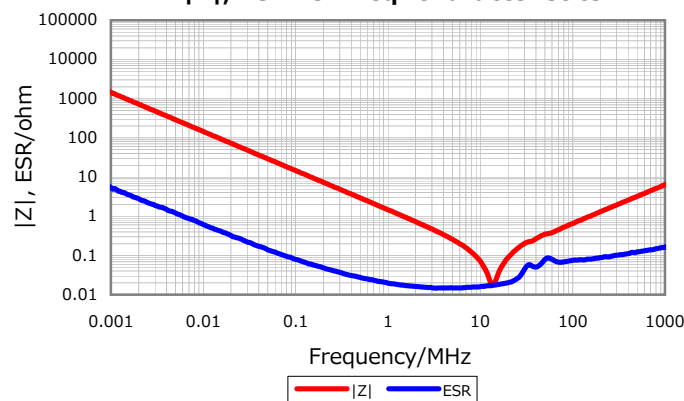
AEC-Q200

Not Applicable

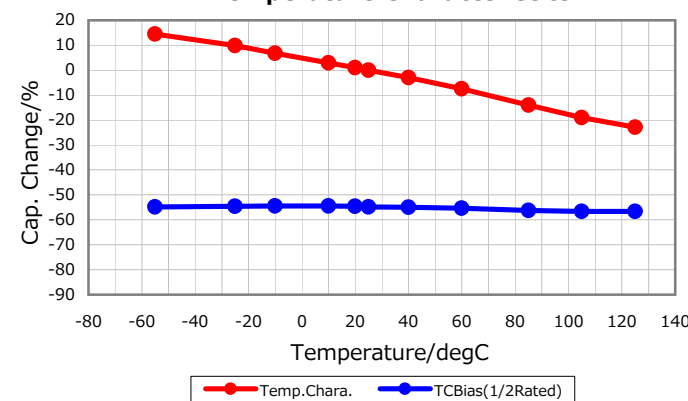
DC Bias Characteristic



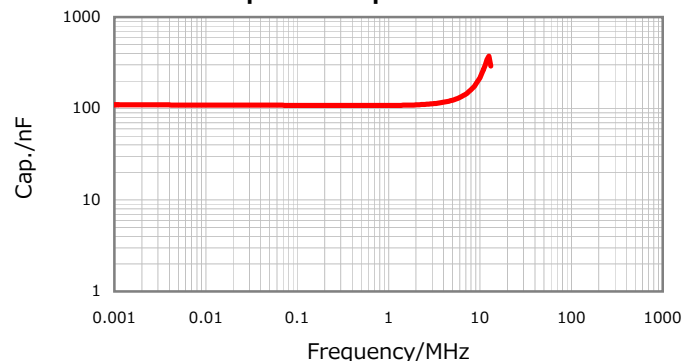
|Z|, ESR vs. Freq. Characteristics



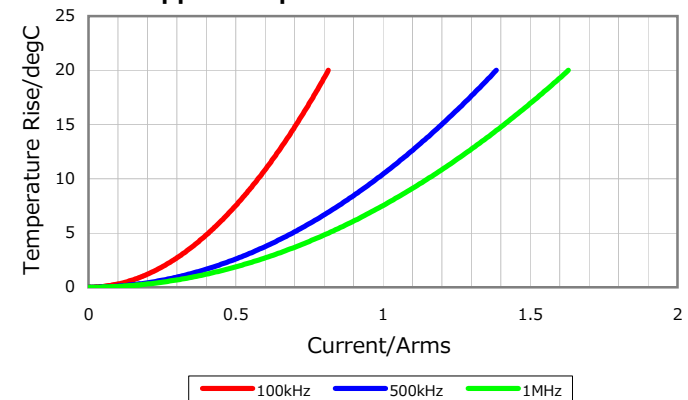
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



⚠ All specifications are subject to change without notice.

January 4, 2016