

C3216X7R1E106K160AE

TDK Item Description : C3216X7R1E106KT***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

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

Rated Voltage

1E (25Vdc)

Capacitance

10uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

7.5% Max.

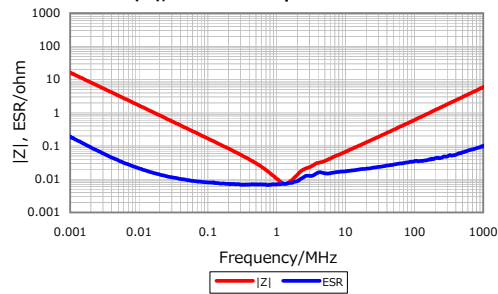
Insulation Resistance

50Mohm Min.

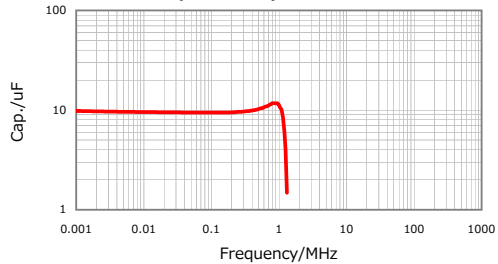
AEC-Q200

Not Applicable

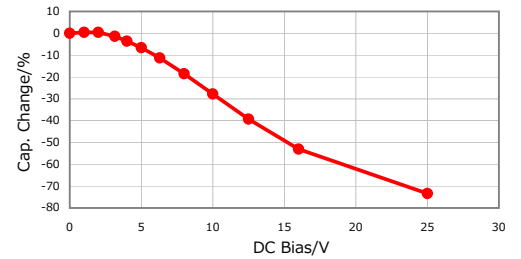
|Z|, ESR vs. Freq. Characteristics



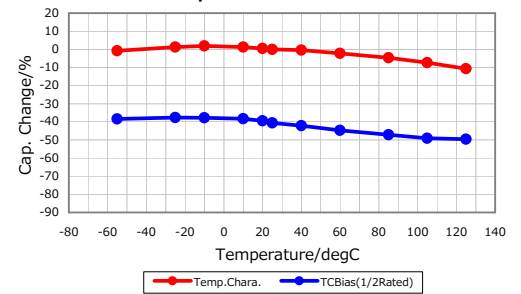
Cap. vs. Freq. Characteristic



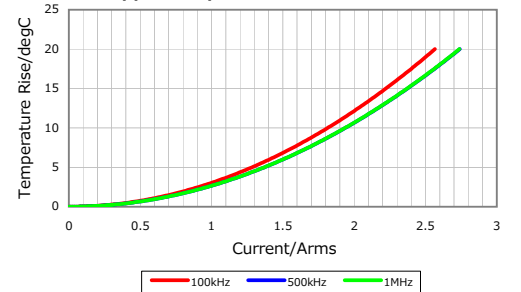
DC Bias Characteristic



Temperature Characteristic



Ripple Temperature Rise Characteristic



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

September 28, 2013