

C3216X5R1C685K160AA

TDK Item Description : C3216X5R1C685KT****



Application & Main Feature

Commercial Grade (General (Up to 50V))

Series

C3216 [EIA CC1206]



Dimensions

L 3.20mm +/-0.2mm
 W 1.60mm +/-0.2mm
 T 1.60mm +/-0.2mm
 B 0.20mm Min.
 G 1.00mm Min.

Temperature Characteristic

X5R (-55 to 85 degC +/-15%)

Rated Voltage

1C (16Vdc)

Capacitance

6.8uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

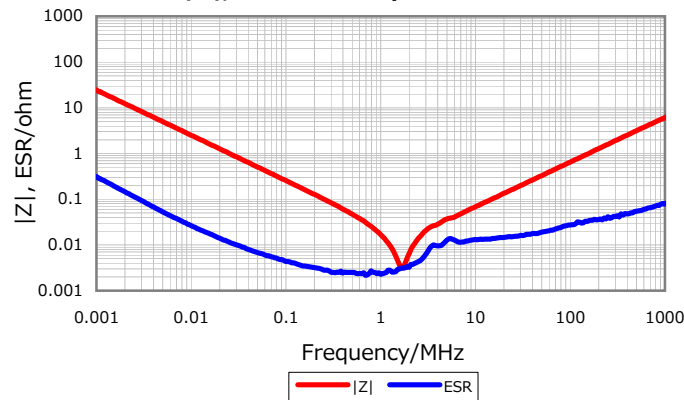
Insulation Resistance

14Mohm Min.

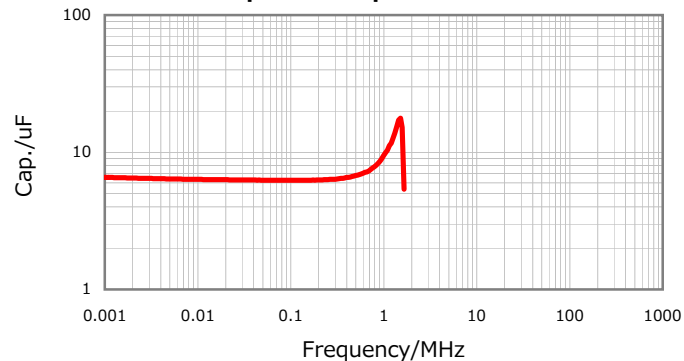
AEC-Q200

Not Applicable

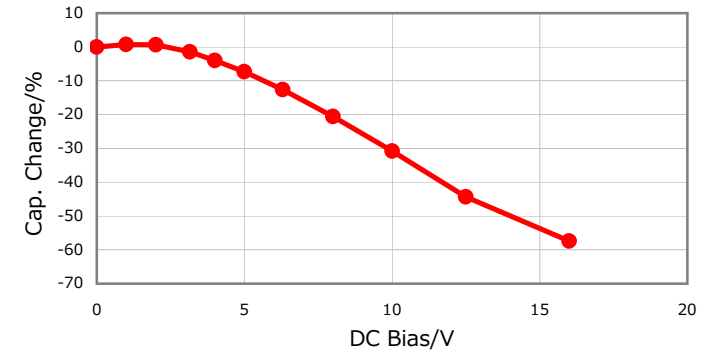
|Z|, ESR vs. Freq. Characteristics



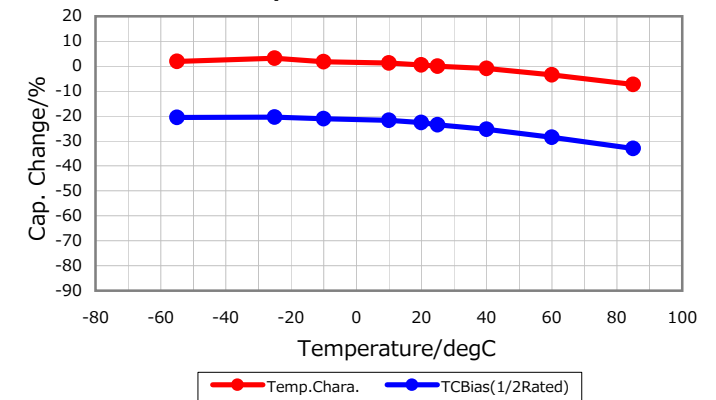
Cap. vs. Freq. Characteristic



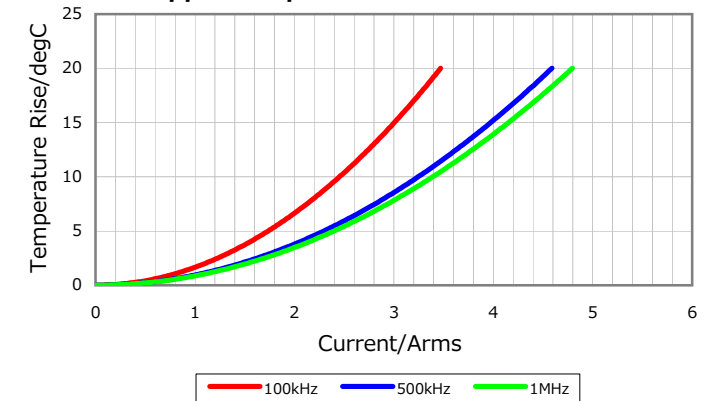
DC Bias Characteristic



Temperature Characteristics



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

January 3, 2016