

C3216X6S1C685M160AC

TDK Item Description : C3216X6S1C685MT****



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

X6S (-55 to 105 degC +/-22%)

Rated Voltage

1C (16Vdc)

Capacitance

6.8uF

Capacitance Tolerance

M (+/-20%)

Dissipation Factor

5% Max.

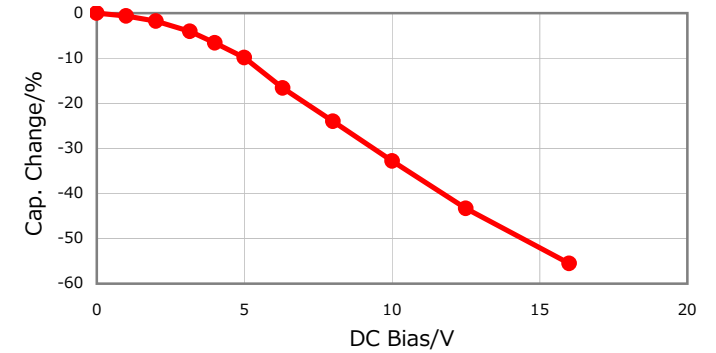
Insulation Resistance

14Mohm Min.

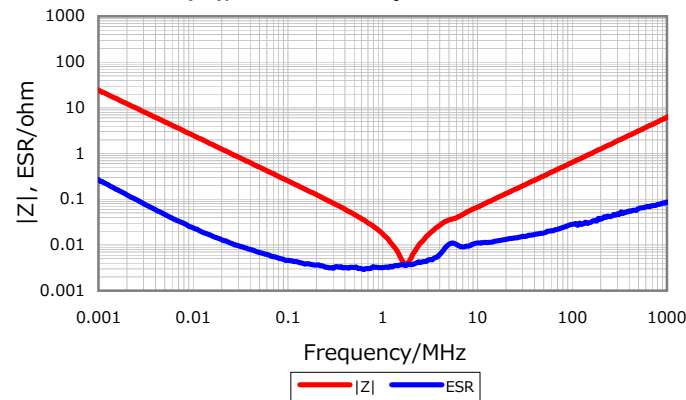
AEC-Q200

Not Applicable

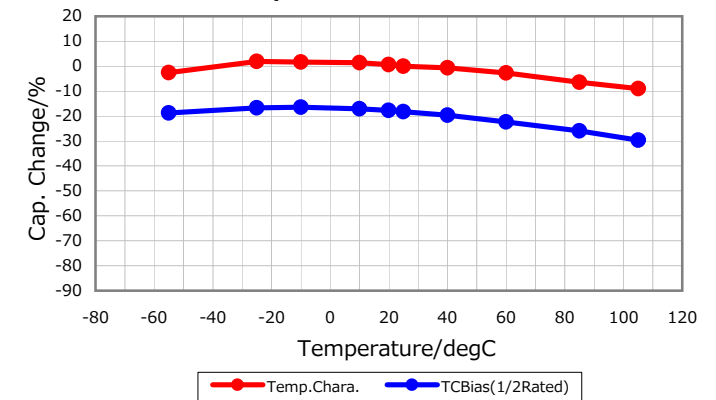
DC Bias Characteristic



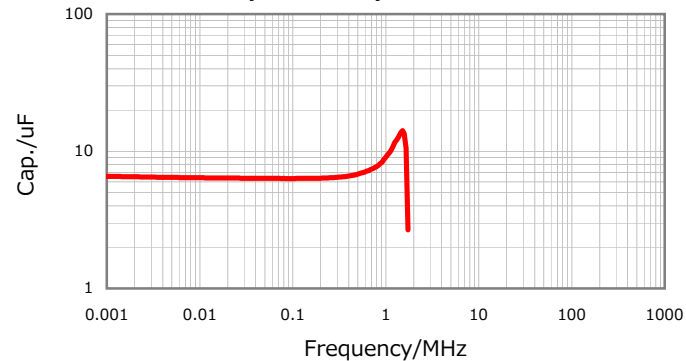
|Z|, ESR vs. Freq. Characteristics



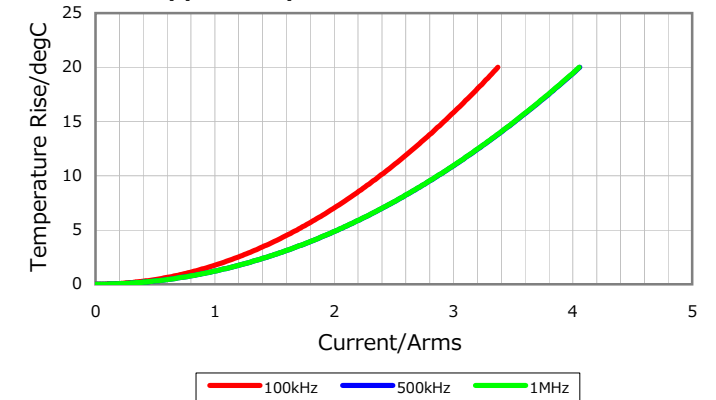
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.