

CGJ5L2X7R1A685K160AA

TDK Item Description : CGJ5L2X7R1A685KT***



Application & Main Feature

High Reliability Grade (General (Up to 50V))

Series

CGJ5(3216) [EIA CC1206]



Dimensions

L 3.20mm +0.3,-0.1mm
 W 1.60mm +0.3,-0.1mm
 T 1.60mm +0.3,-0.1mm
 B 0.20mm Min.
 G 1.00mm Min.

Temperature Characteristic

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

Rated Voltage

1A (10Vdc)

Capacitance

6.8uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

7.5% Max.

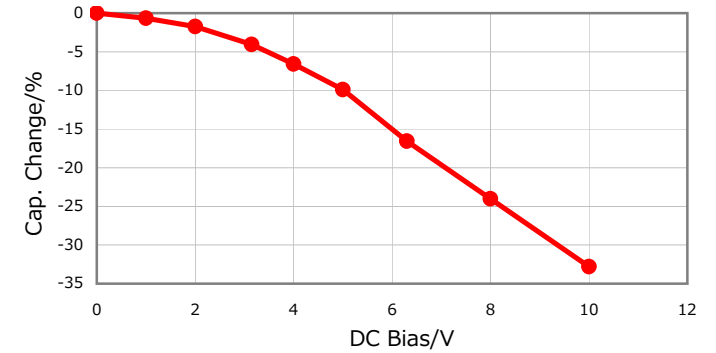
Insulation Resistance

14Mohm Min.

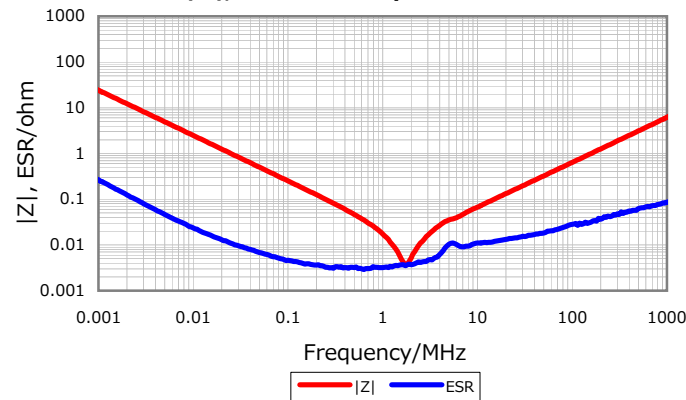
AEC-Q200

Yes

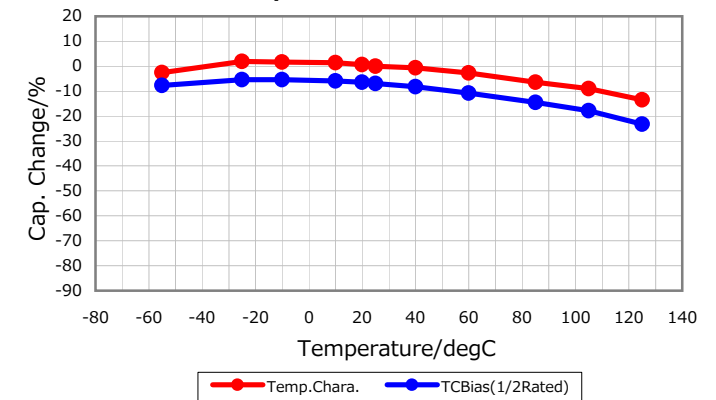
DC Bias Characteristic



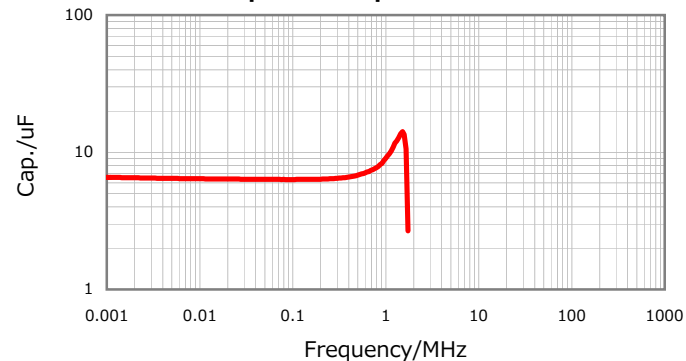
|Z|, ESR vs. Freq. Characteristics



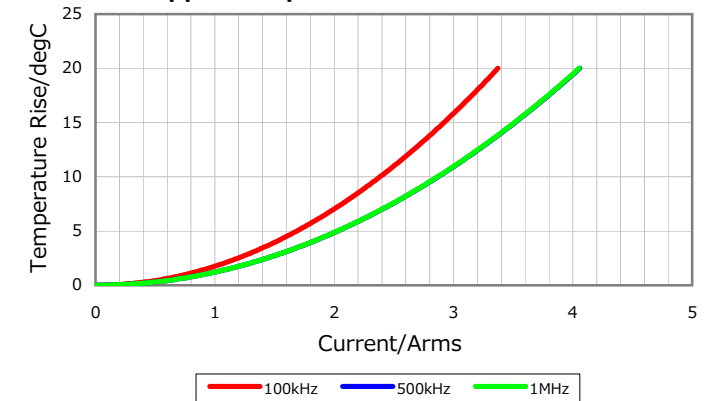
Temperature Characteristics



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