

CGJ5L2X7R2A683K160AA

TDK Item Description : CGJ5L2X7R2A683KT***



Application & Main Feature

High Reliability Grade (Mid Voltage (100 to 630V))

Series

CGJ5(3216) [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

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

Rated Voltage

2A (100Vdc)

Capacitance

68nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

3% Max.

Insulation Resistance

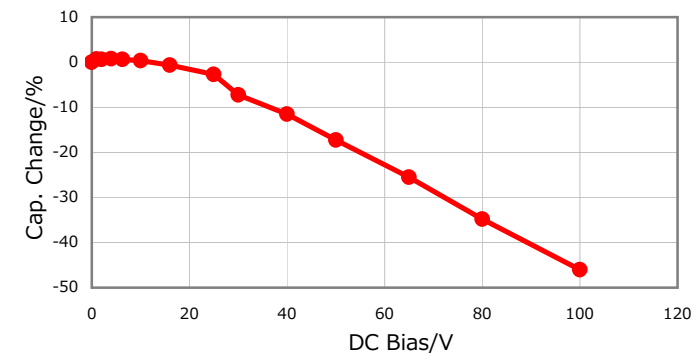
7.35Gohm Min.

AEC-Q200

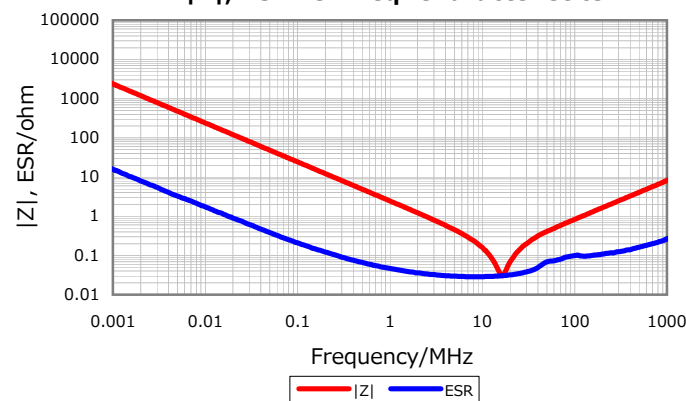
Yes



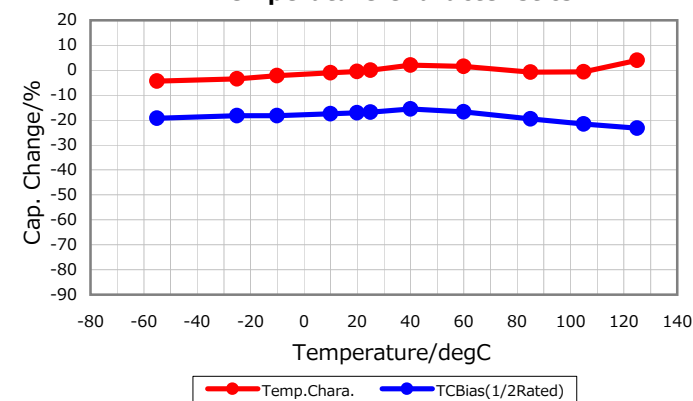
DC Bias Characteristic



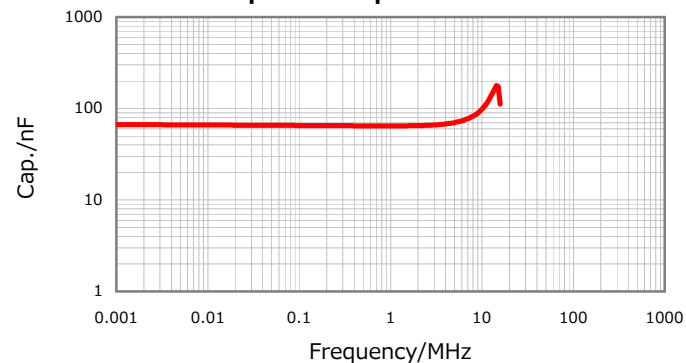
|Z|, ESR vs. Freq. Characteristics



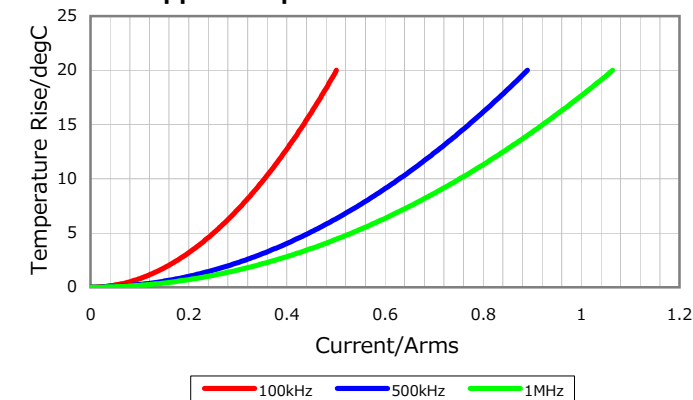
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 4, 2016