

CGJ3E2X7R0J684K080AA

TDK Item Description : CGJ3E2X7R0J684KT****

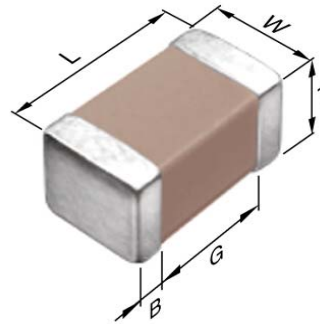


Application & Main Feature

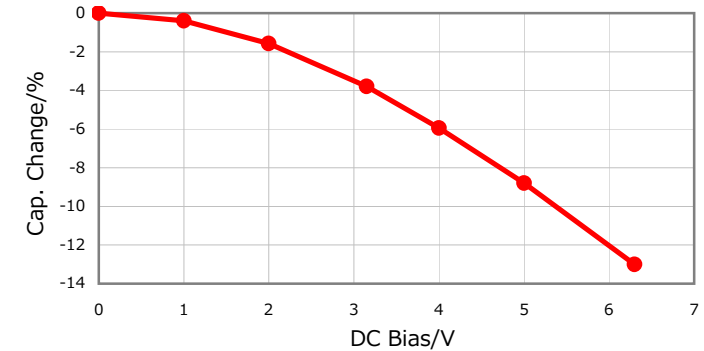
High Reliability Grade (General (Up to 50V))

Series

CGJ3(1608) [EIA CC0603]



DC Bias Characteristic



Dimensions

L 1.60mm +/-0.1mm
W 0.80mm +/-0.1mm
T 0.80mm +/-0.1mm
B 0.20mm Min.
G 0.30mm Min.

Temperature Characteristic

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

Rated Voltage

0J (6.3Vdc)

Capacitance

680nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

7.5% Max.

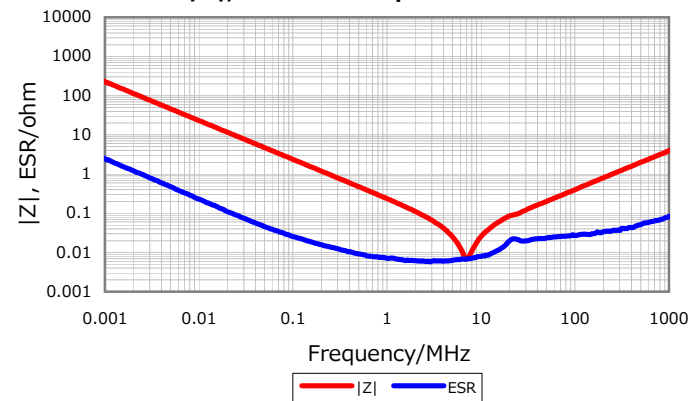
Insulation Resistance

147Mohm Min.

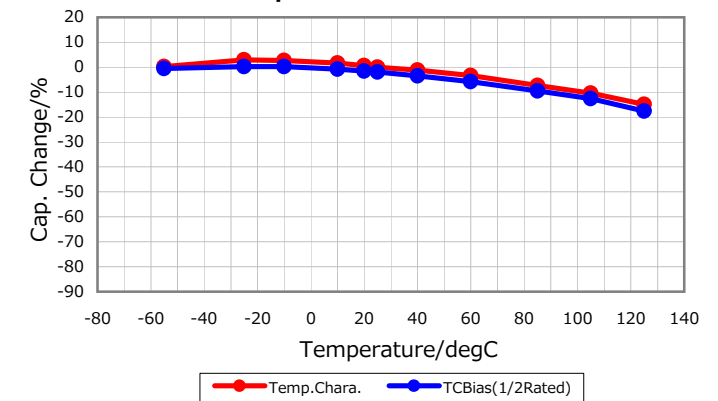
AEC-Q200

Yes

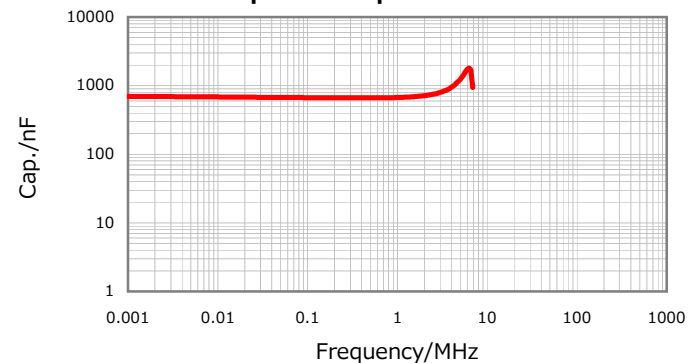
|Z|, ESR vs. Freq. Characteristics



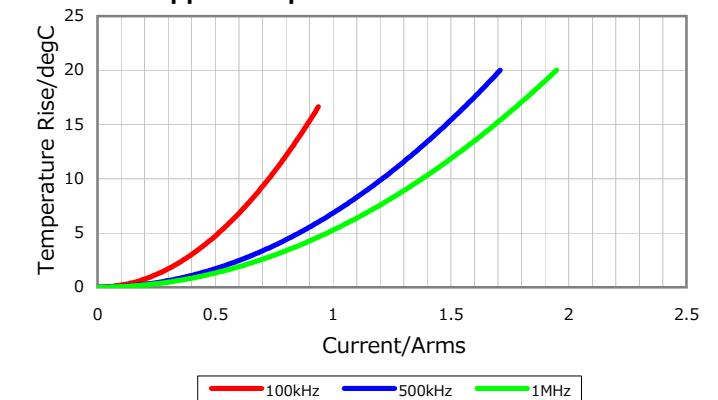
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

January 4, 2016