

CGJ3E2X7R1C104K080AA

TDK Item Description : CGJ3E2X7R1C104KT***



Application & Main Feature

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

Series

CGJ3(1608) [EIA CC0603]



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

1C (16Vdc)

Capacitance

100nF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

5% Max.

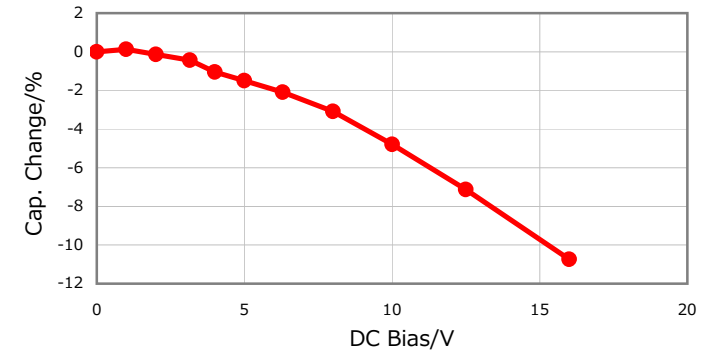
Insulation Resistance

1Gohm Min.

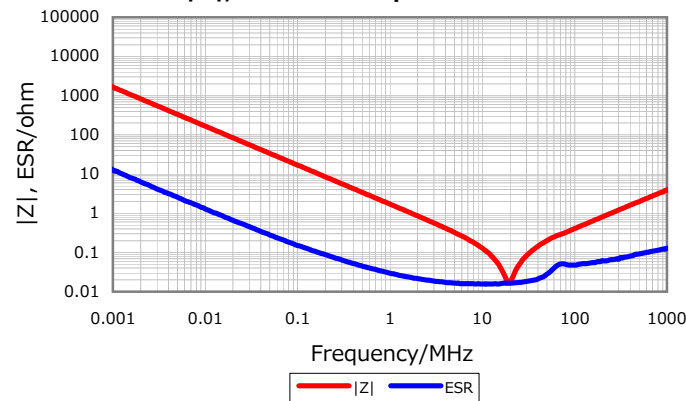
AEC-Q200

Yes

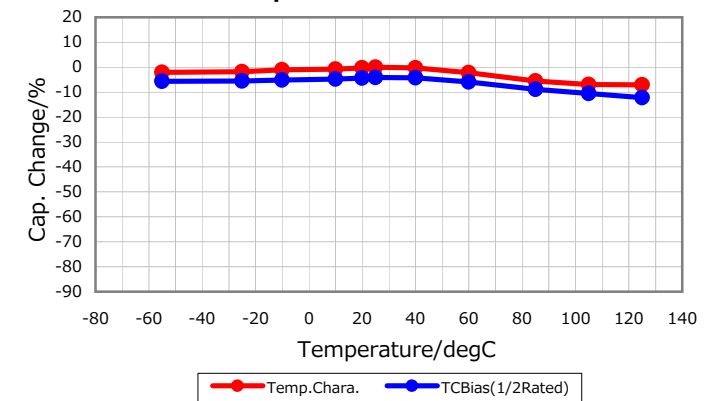
DC Bias Characteristic



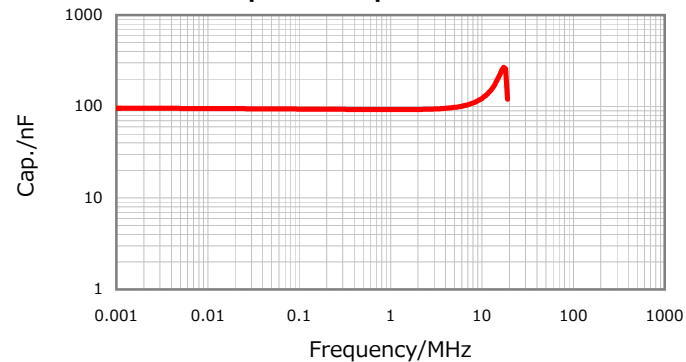
|Z|, ESR vs. Freq. Characteristics



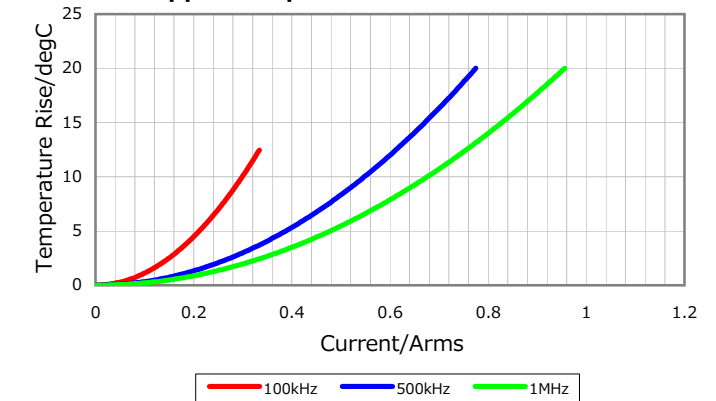
Temperature Characteristics



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