

CGJ5L2X7R1E105K160AA

TDK Item Description : CGJ5L2X7R1E105KT***



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

1E (25Vdc)

Capacitance

1uF

Capacitance Tolerance

K (+/-10%)

Dissipation Factor

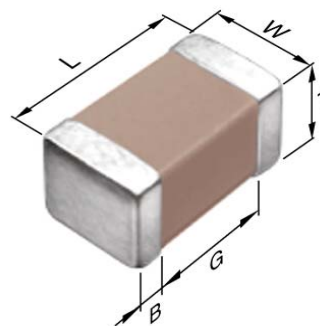
5% Max.

Insulation Resistance

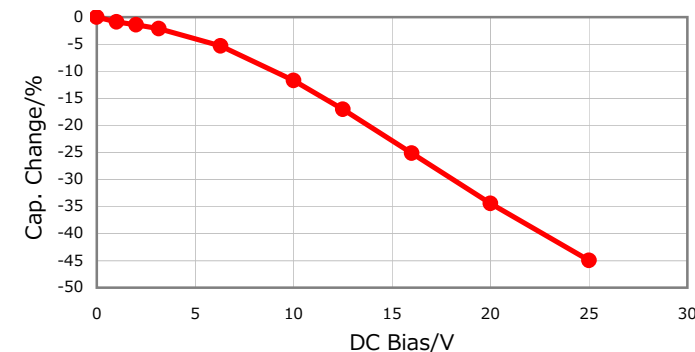
500Mohm Min.

AEC-Q200

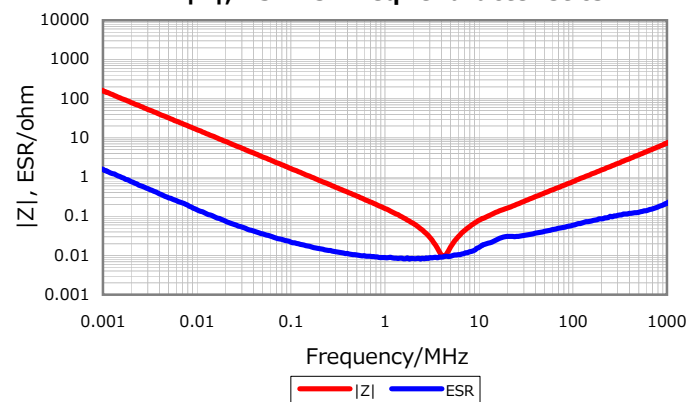
Yes



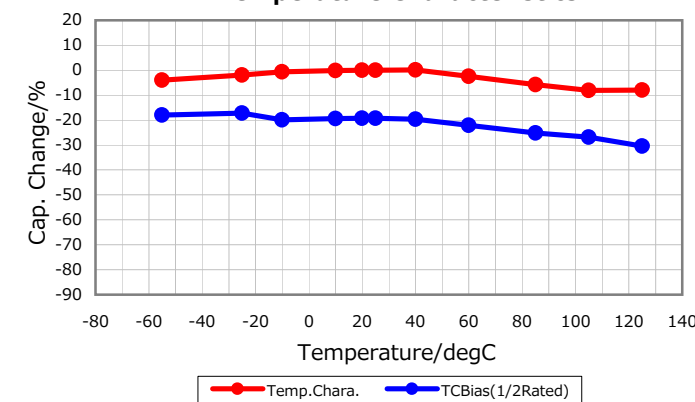
DC Bias Characteristic



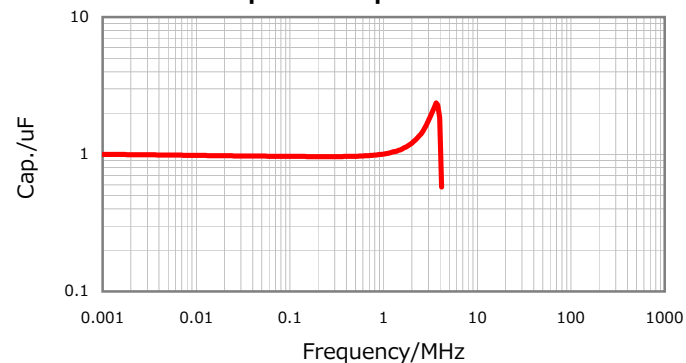
|Z|, ESR vs. Freq. Characteristics



Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics

