

CGA8R4C0G2E104J320KN

TDK Item Description : CGA8R4C0G2E104JT****



Equivalent for Automotive

Application & Main Feature

Automotive Grade (Mid Voltage (100 to 630V))

Series

CGA8(4532) [EIA 1812]

Dimensions

L	4.50mm ±0.40mm
W	3.20mm ±0.40mm
T	3.20mm ±0.30mm
B	0.20mm Min.
G	

Temperature Characteristic

C0G (-55 to 125 degC 0+/-30ppm/degC)

Rated Voltage

2E(250Vdc)

Capacitance

100nF

Capacitance Tolerance

J (±5%)

Q Factor

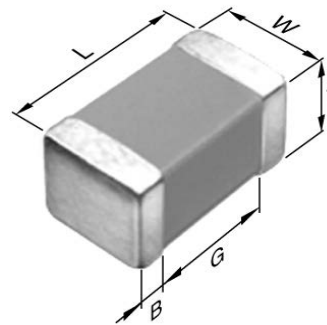
1000 Min.

Insulation Resistance

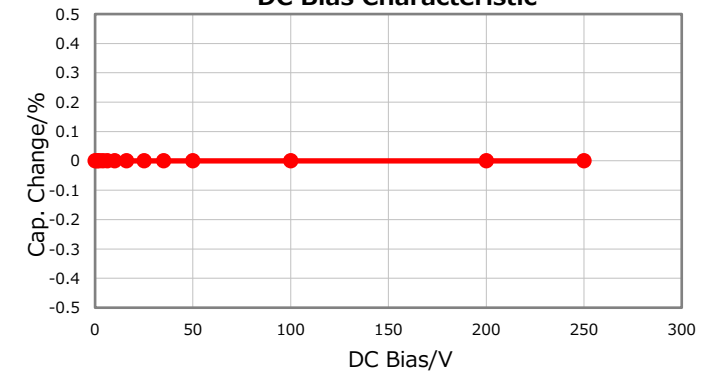
5Gohm Min

AEC-Q200

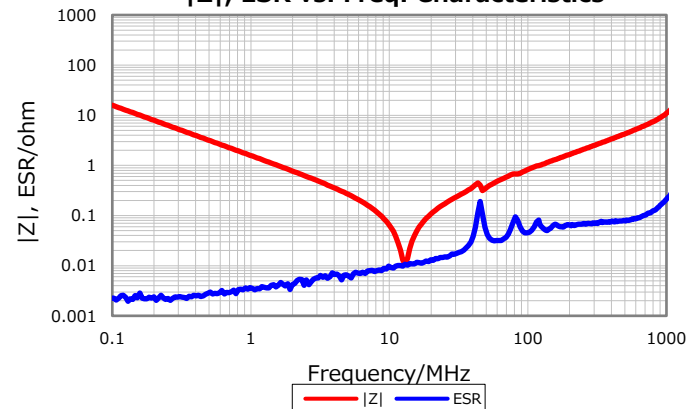
Yes



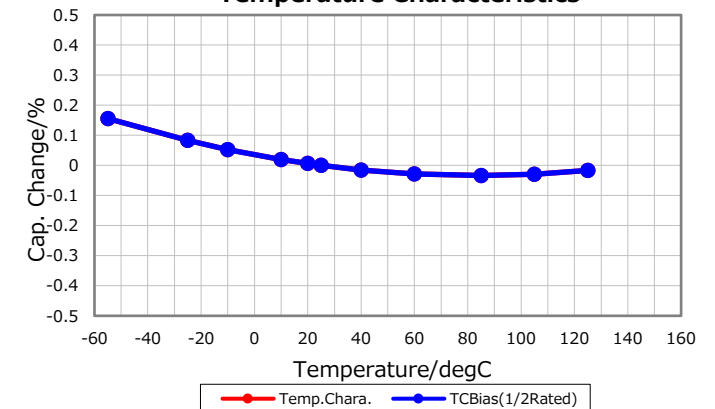
DC Bias Characteristic



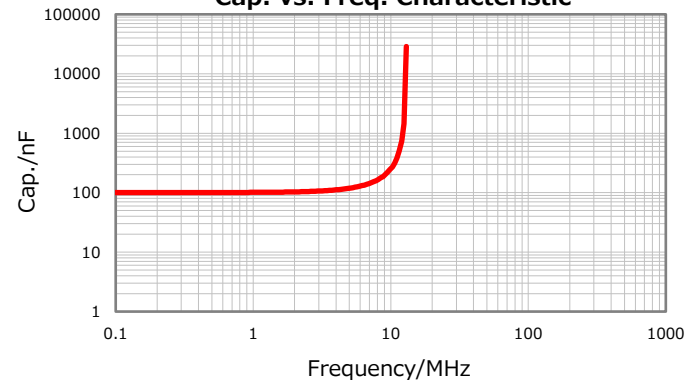
|Z|, ESR vs. Freq. Characteristics



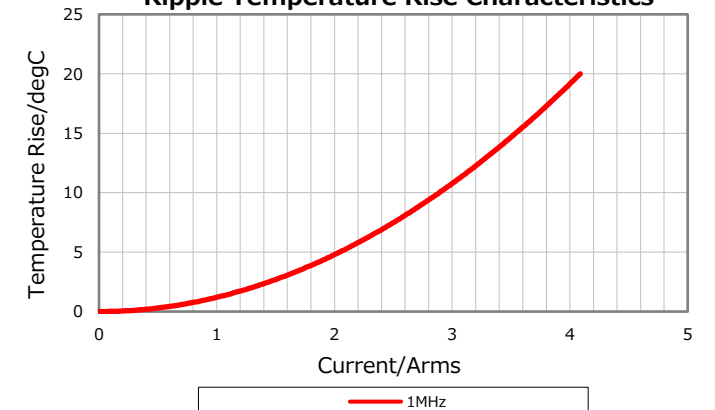
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

May 22, 2019