

CGA9N4C0G2E154J230KN

TDK Item Description : CGA9N4C0G2E154JT****



Equivalent for Automotive

Application & Main Feature

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

Series

CGA9(5750) [EIA 2220]



Dimensions

L	5.70mm ±0.40mm
W	5.00mm ±0.40mm
T	2.30mm ±0.20mm
B	0.20mm Min.
G	

Temperature Characteristic

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

Rated Voltage

2E(250Vdc)

Capacitance

150nF

Capacitance Tolerance

J (±5%)

Q Factor

1000 Min.

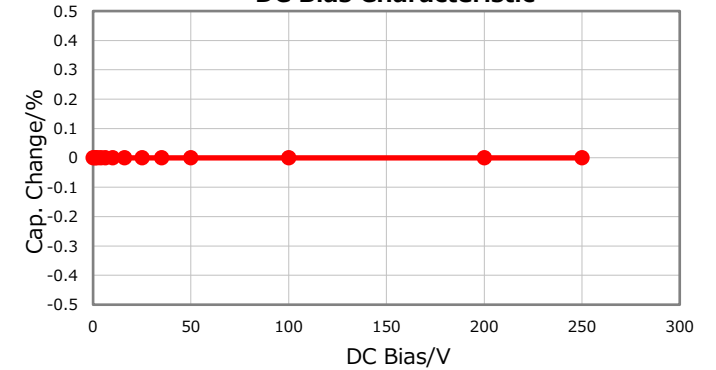
Insulation Resistance

3.33Gohm Min

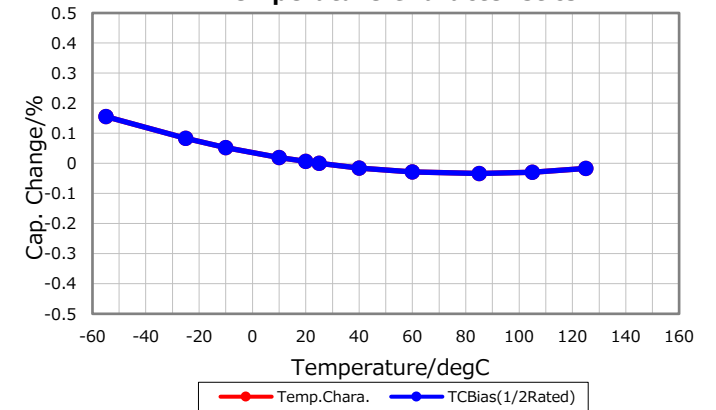
AEC-Q200

Yes

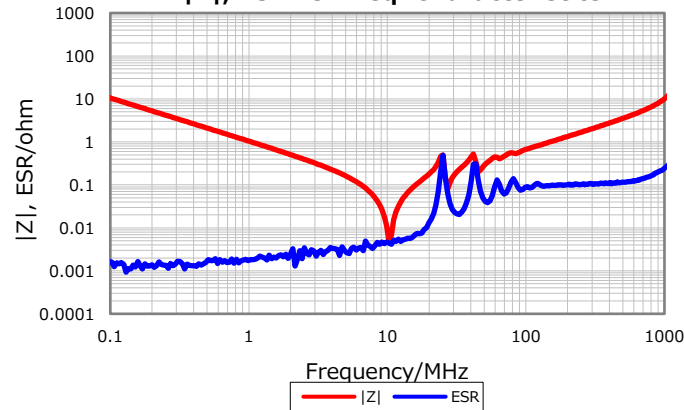
DC Bias Characteristic



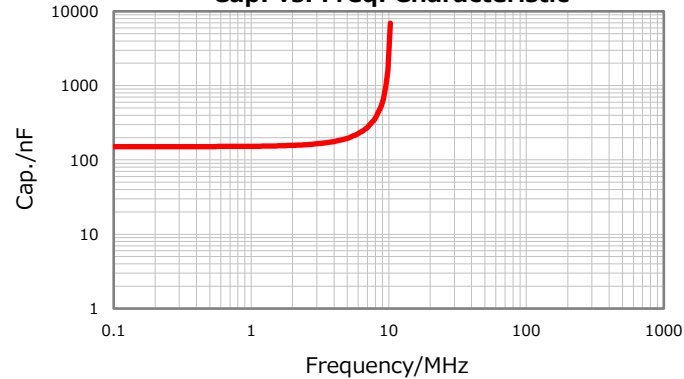
Temperature Characteristics



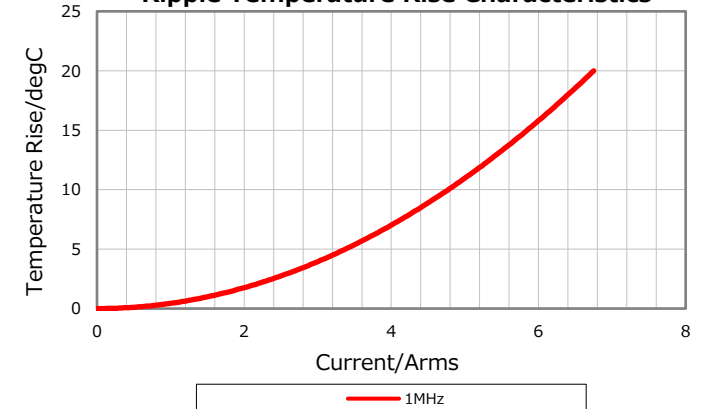
|Z|, ESR vs. Freq. Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

May 22, 2019