

CGA9N2C0G2A154J230KA

TDK Item Description : CGA9N2C0G2A154JT****



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

2A(100Vdc)

Capacitance

150nF

Capacitance Tolerance

J (±5%)

Q Factor

1000 Min.

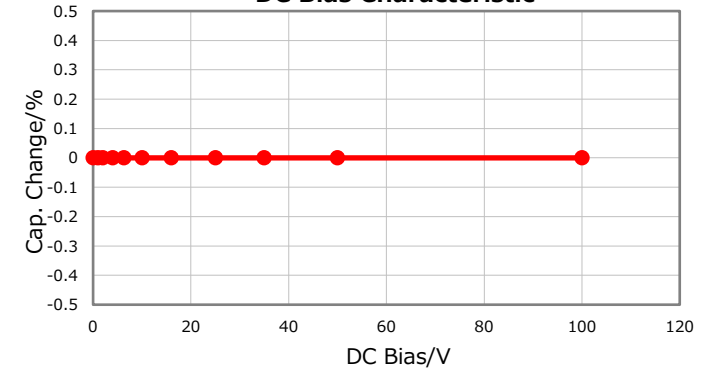
Insulation Resistance

3.33Gohm Min

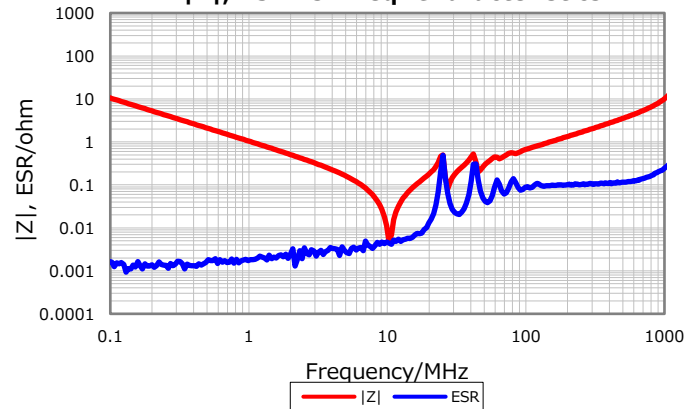
AEC-Q200

Yes

DC Bias Characteristic



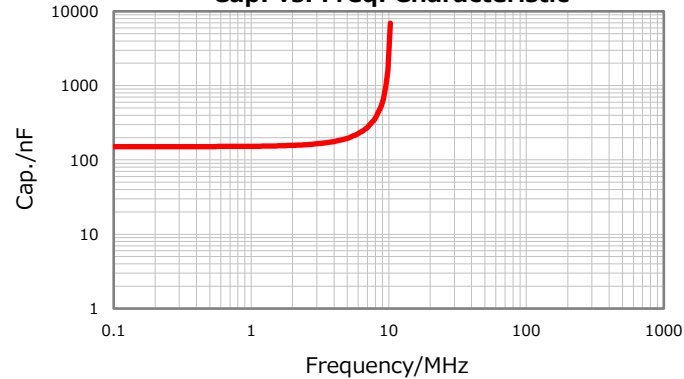
|Z|, ESR vs. Freq. Characteristics



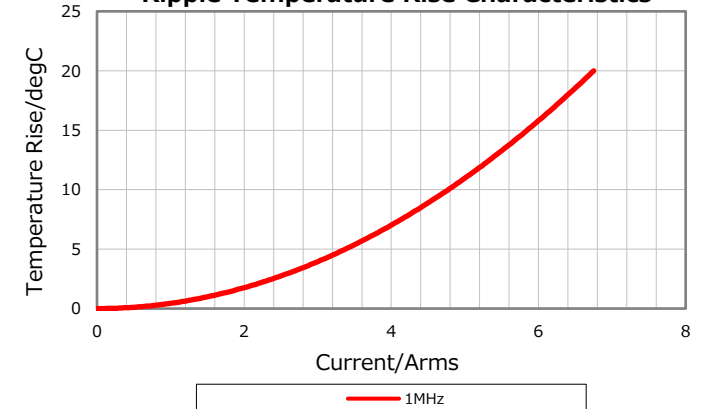
Temperature Characteristics



Cap. vs. Freq. Characteristic



Ripple Temperature Rise Characteristics



Characterization Sheet (Multilayer Ceramic Chip Capacitors)



All specifications are subject to change without notice.

May 22, 2019