

# 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.

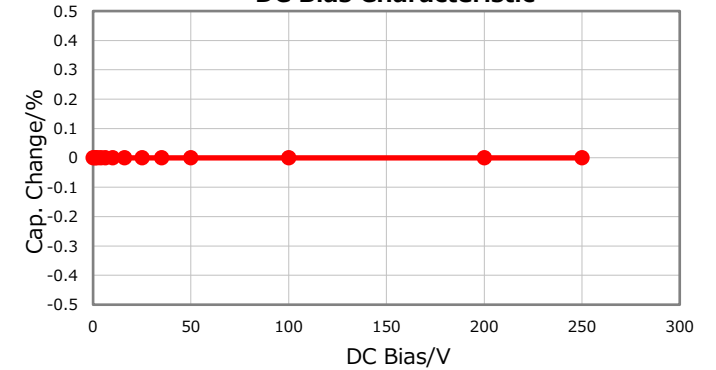
## Insulation Resistance

3.33Gohm Min

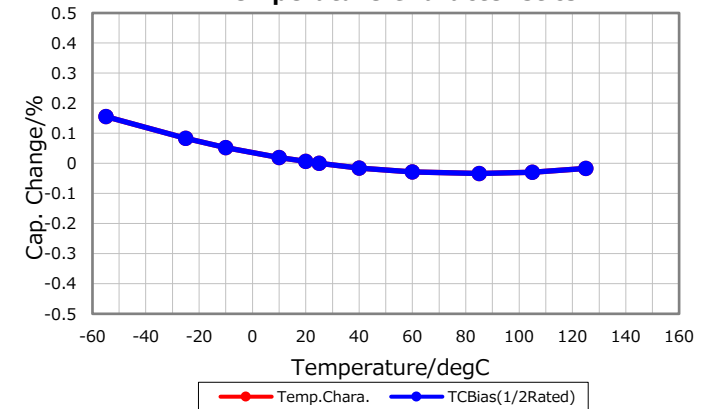
## AEC-Q200

Yes

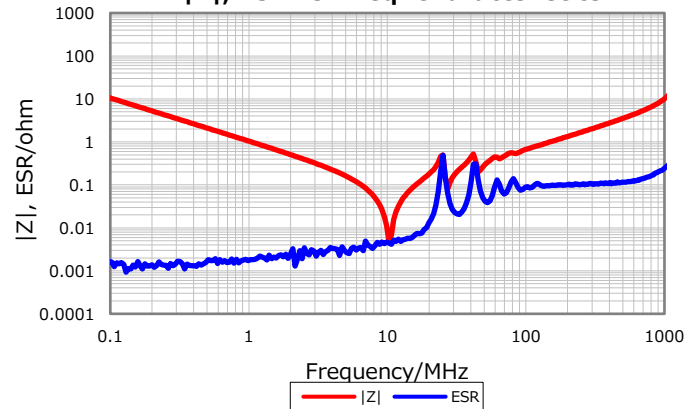
## DC Bias Characteristic



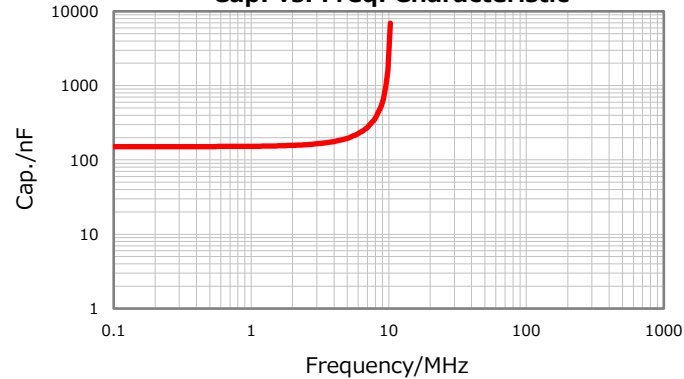
## Temperature Characteristics



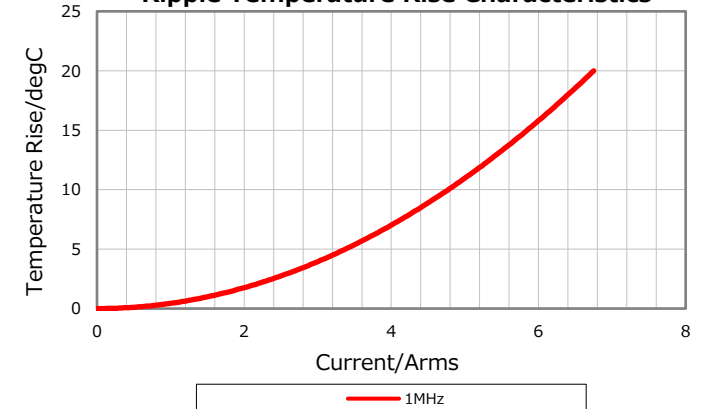
## |Z|, ESR vs. Freq. Characteristics



## 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