

# CGA9N2C0G2A154J230KE

TDK Item Description : CGA9N2C0G2A154JT\*\*\*S



Equivalent C5750C0G2A154J for Automotive

## Application & Main Feature

Automotive Grade ( Soft Termination )

## Series

CGA9(5750) [EIA 2220]



## Dimensions

L	5.70mm +0.5,-0.4mm
W	5.00mm ±0.40mm
T	2.30mm +0.3,-0.2mm
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.

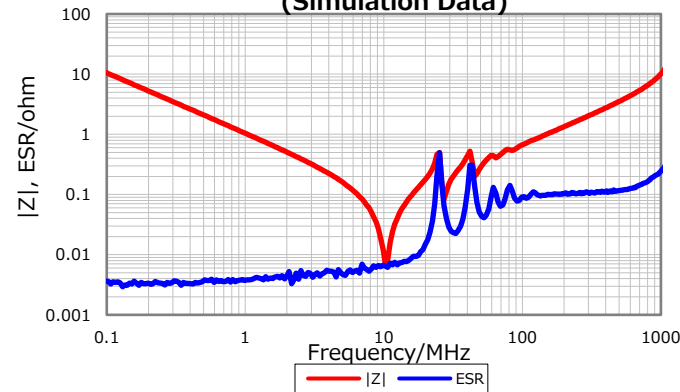
## Insulation Resistance

3.33Gohm Min

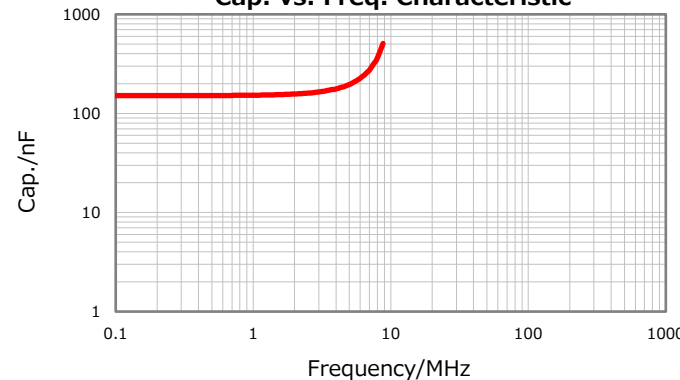
## AEC-Q200

Yes

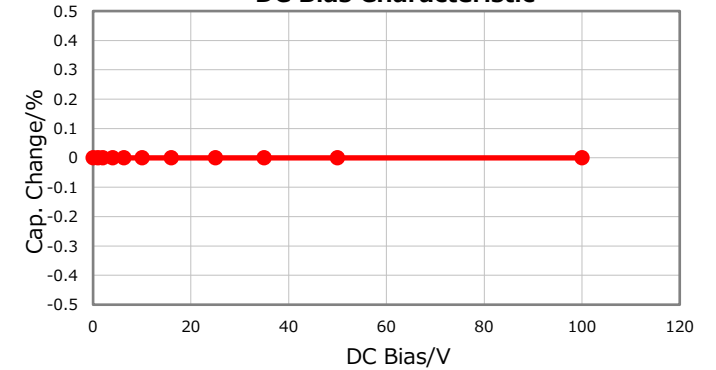
## |Z|, ESR vs. Freq. Characteristics (Simulation Data)



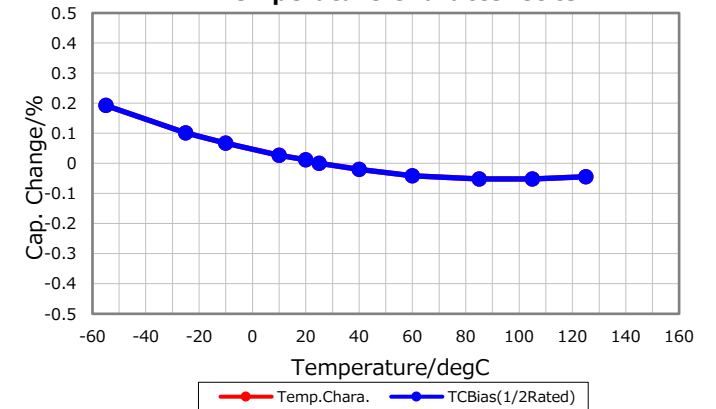
## Cap. vs. Freq. Characteristic



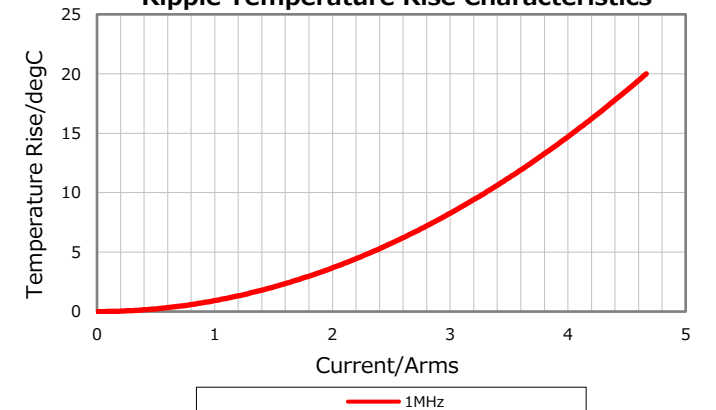
## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

June 24, 2019