

# CGA9N2C0G2A154J230KE

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



Equivalent C5750C0G2A154J for Automotive

## Application & Main Feature

Automotive Grade ( Soft Termination )

## Series

CGA9(5750) CC2220]



## Dimensions

L	5.70mm +0.5,-0.4mm
W	5.00mm +/-0.4mm
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.

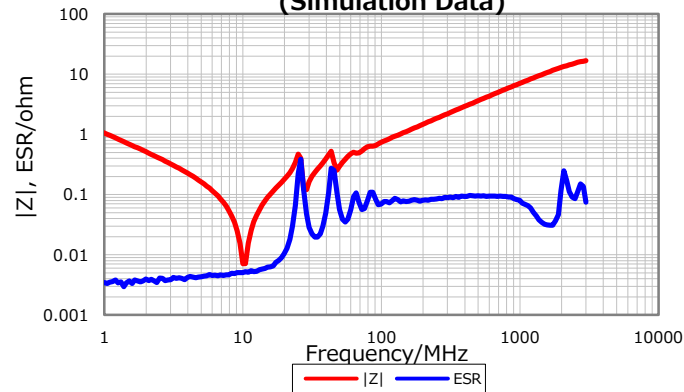
## Insulation Resistance

3.333Gohm Min

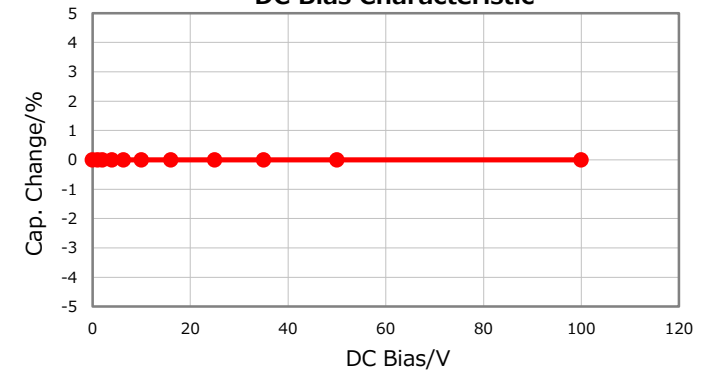
## AEC-Q200

Yes

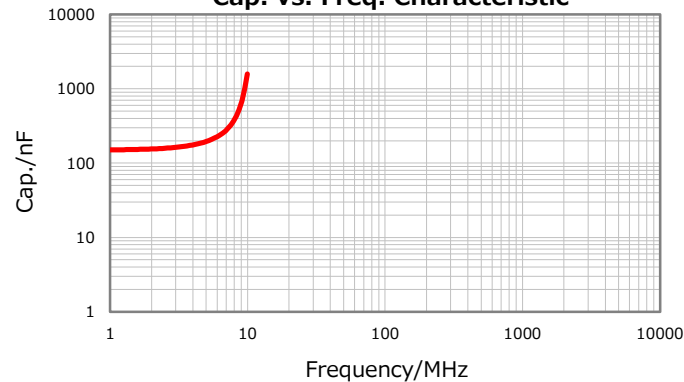
**|Z|, ESR vs. Freq. Characteristics  
(Simulation Data)**



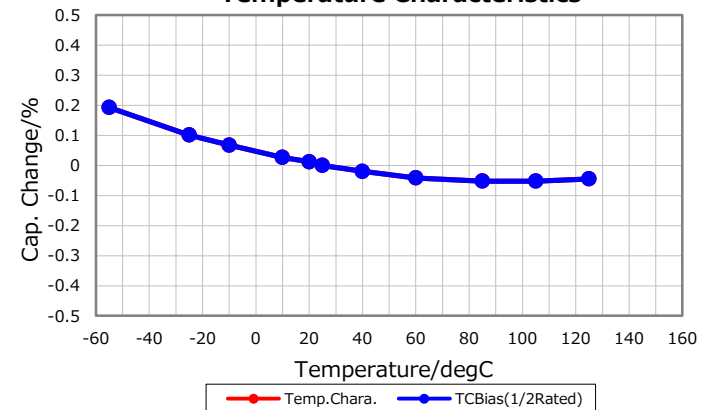
**DC Bias Characteristic**



**Cap. vs. Freq. Characteristic**



**Temperature Characteristics**



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

May 12, 2017