

# CGA9Q1C0G2J104J280KC

TDK Item Description : CGA9Q1C0G2J104JT\*\*\*



## Application & Main Feature

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

## Series

CGA9(5750) [EIA CC2220]



## Dimensions

L 5.70mm +/-0.4mm  
 W 5.00mm +/-0.4mm  
 T 2.80mm +/-0.3mm  
 B 0.20mm Min.  
 G

## Temperature Characteristic

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

## Rated Voltage

2J (630Vdc)

## Capacitance

100nF

## Capacitance Tolerance

J (+/-5%)

## Q Factor

1000 Min.

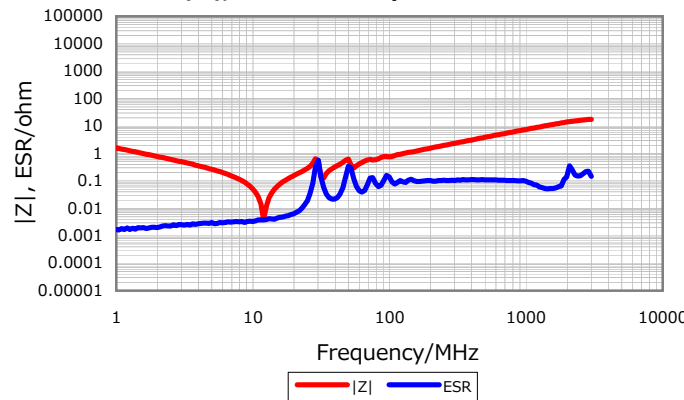
## Insulation Resistance

5Gohm Min.

## AEC-Q200

Yes

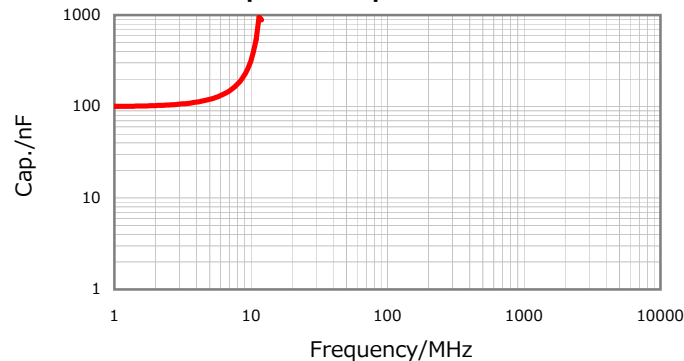
**|Z|, ESR vs. Freq. Characteristics**



**DC Bias Characteristic**



**Cap. vs. Freq. Characteristic**



**Temperature Characteristics**



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 4, 2016