

# CGA9Q1C0G2J104J280KC

TDK Item Description : CGA9Q1C0G2J104JT\*\*\*



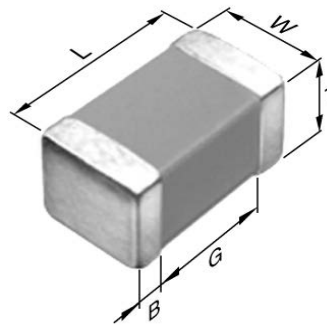
Equivalent C5750C0G2J104J for Automotive

## 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 | 2.80mm ±0.30mm |
| 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.

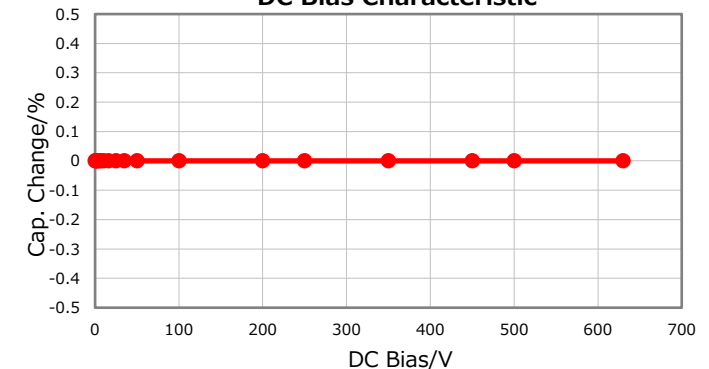
## Insulation Resistance

5Gohm Min

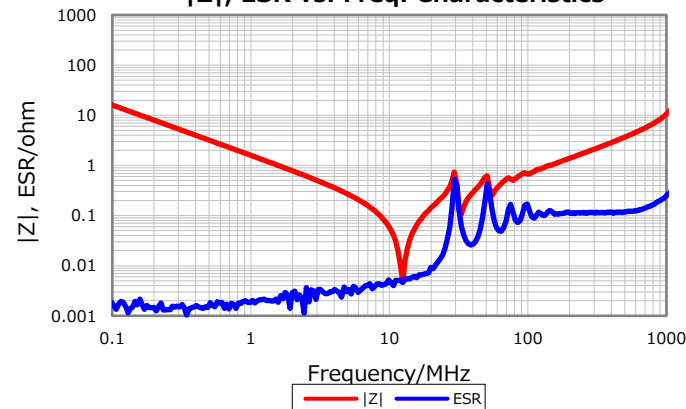
## AEC-Q200

Yes

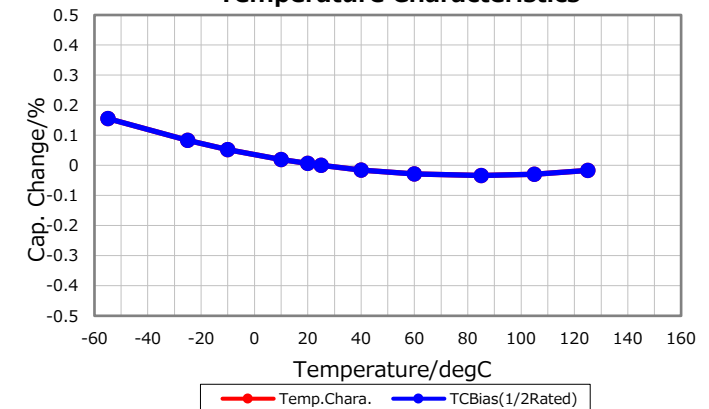
## DC Bias Characteristic



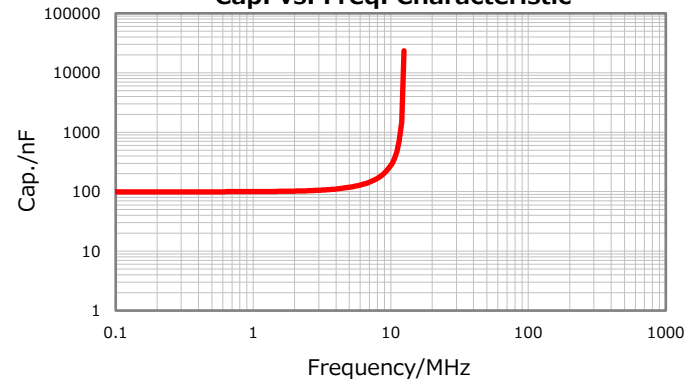
## |Z|, ESR vs. Freq. Characteristics



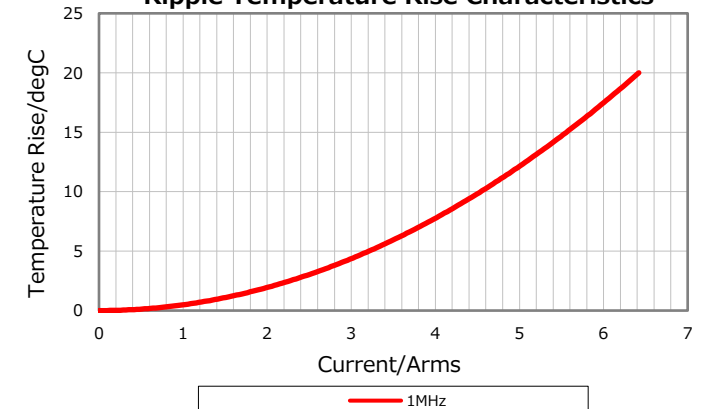
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

May 22, 2019