

# CGA9Q1C0G3A333J280KC

TDK Item Description : CGA9Q1C0G3A333JT\*\*\*\*



Equivalent C5750C0G3A333J for Automotive

## Application & Main Feature

Automotive Grade ( High Voltage (1000V and over ) )

## 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

3A(1000Vdc)

## Capacitance

33nF

## Capacitance Tolerance

J (±5%)

## Q Factor

1000 Min.

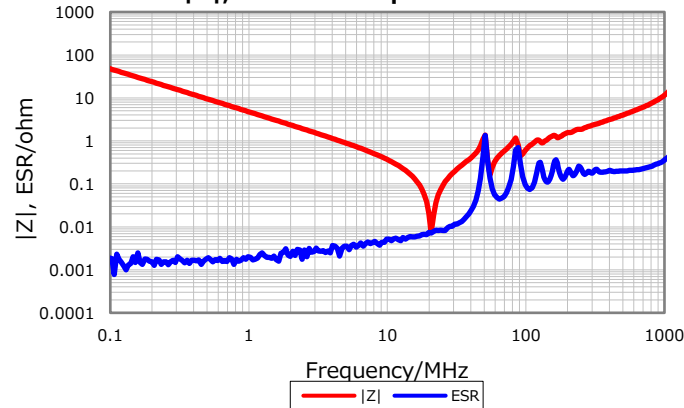
## Insulation Resistance

10Gohm Min

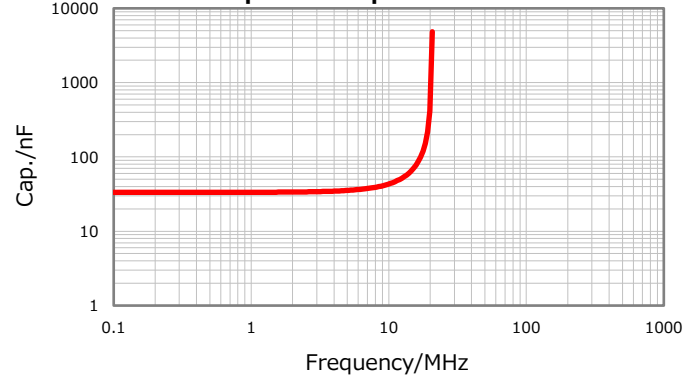
## AEC-Q200

Yes

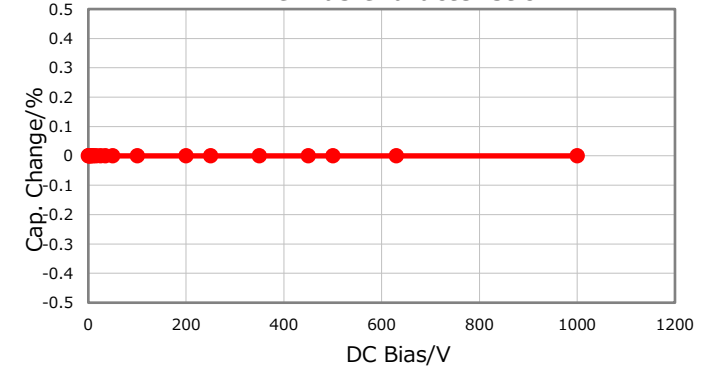
## |Z|, ESR vs. Freq. Characteristics



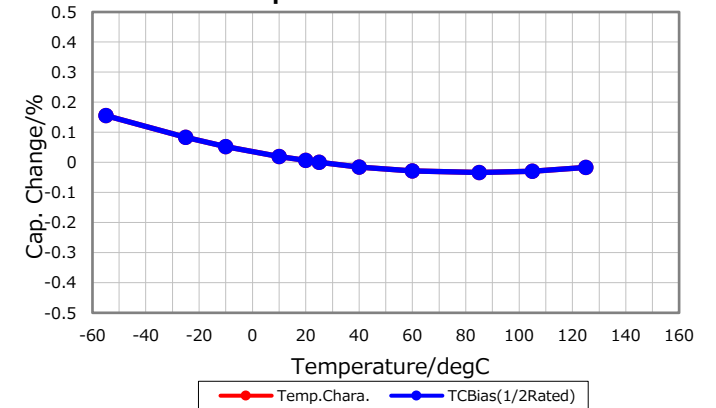
## Cap. vs. Freq. Characteristic



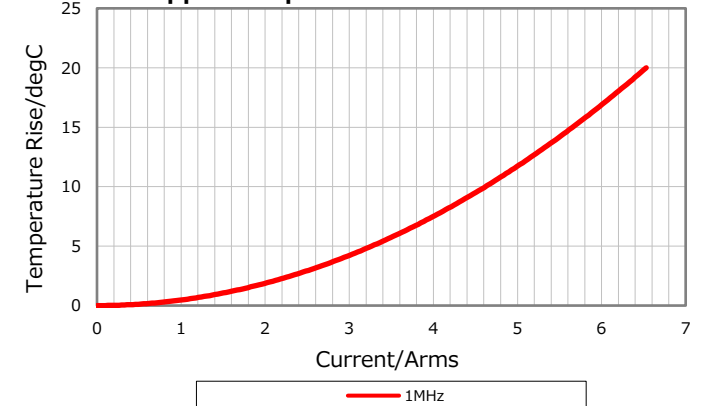
## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

May 22, 2019