

# CGA3E2NP02A070D080AA

TDK Item Description : CGA3E2NP02A070DT\*\*\*\*



Equivalent C1608NP02A070D for Automotive

## Application & Main Feature

Automotive Grade ( High Temperature Application )

## Series

CGA3(1608) [EIA CC0603]



## Dimensions

L 1.60mm +/-0.1mm  
W 0.80mm +/-0.1mm  
T 0.80mm +/-0.1mm  
B 0.20mm Min.  
G 0.30mm Min.

## Temperature Characteristic

NP0 (-55 to 150 degC 0+/-30ppm/degC)

## Rated Voltage

2A (100Vdc)

## Capacitance

7pF

## Capacitance Tolerance

D (+/-0.5pF)

## Q Factor

540 Min.

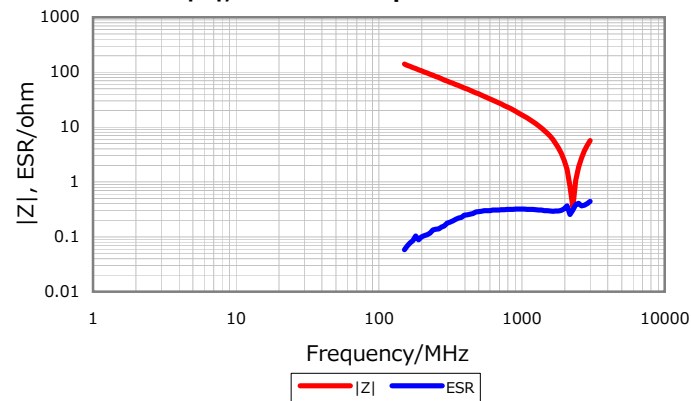
## Insulation Resistance

10Gohm Min.

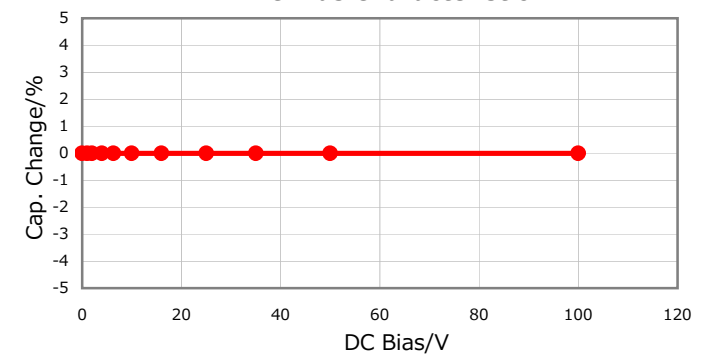
## AEC-Q200

Yes

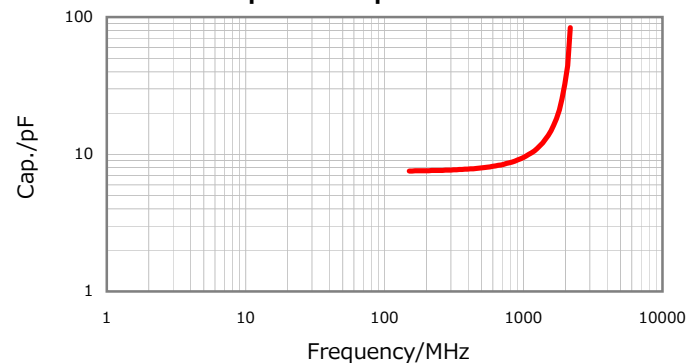
### |Z|, ESR vs. Freq. Characteristics



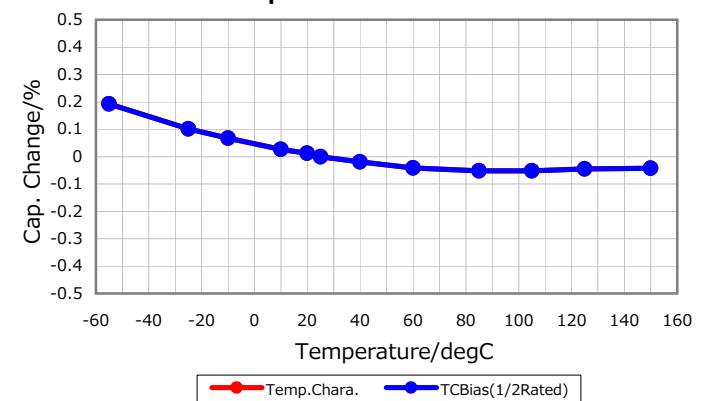
### DC Bias Characteristic



### Cap. vs. Freq. Characteristic



### Temperature Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



⚠ All specifications are subject to change without notice.

January 4, 2016