

# CGA3E2NP01H090D080AA

TDK Item Description : CGA3E2NP01H090DT\*\*\*\*



Equivalent C1608NP01H090D 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

1H (50Vdc)

## Capacitance

9pF

## Capacitance Tolerance

D (+/-0.5pF)

## Q Factor

580 Min.

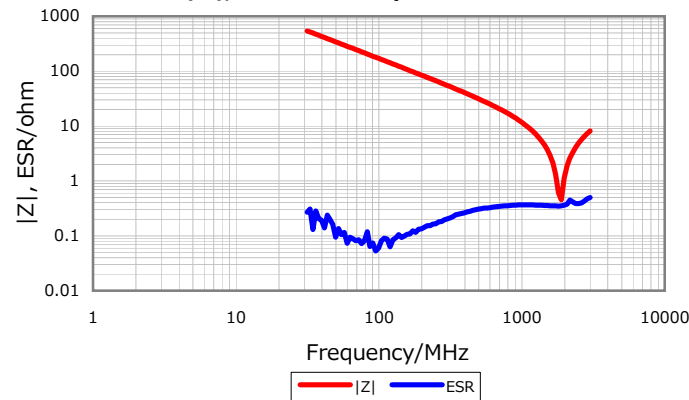
## Insulation Resistance

10Gohm Min.

## AEC-Q200

Yes

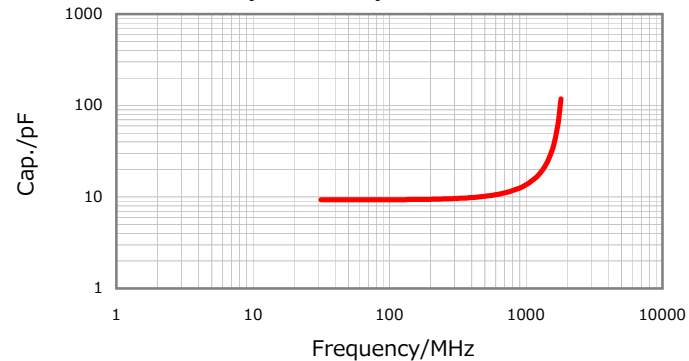
### |Z|, ESR vs. Freq. Characteristics



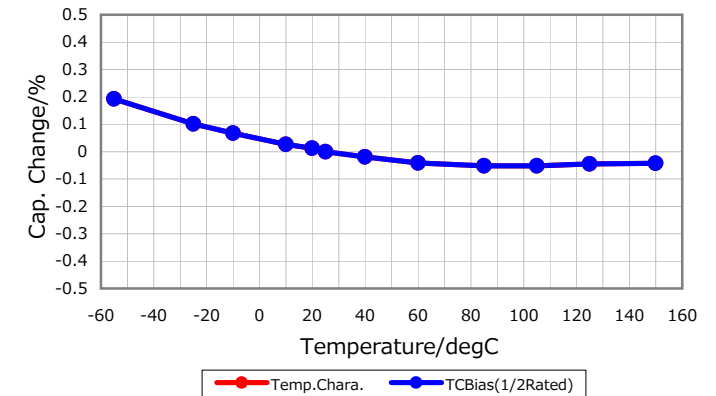
### DC Bias Characteristic



### Cap. vs. Freq. Characteristic



### Temperature Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

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