

# CGA3E2NP02A122J080AA

TDK Item Description : CGA3E2NP02A122JT\*\*\*\*\*

Equivalent C1608NP02A122J 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

1.2nF

## Capacitance Tolerance

J (+/-5%)

## Q Factor

1000 Min.

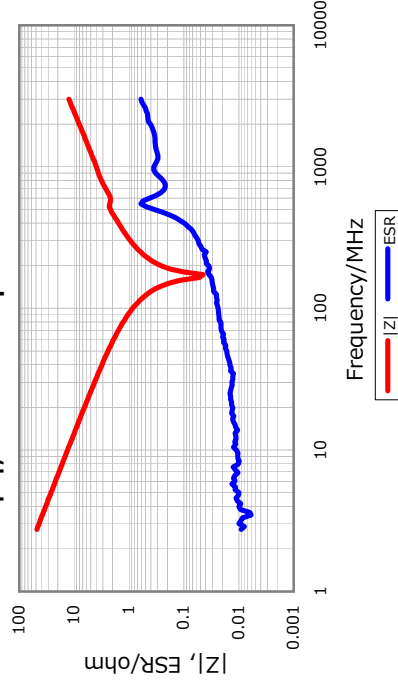
## Insulation Resistance

10Gohm Min.

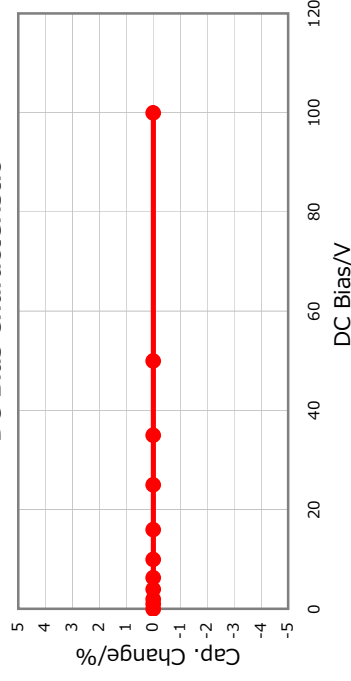
## AEC-Q200

Yes

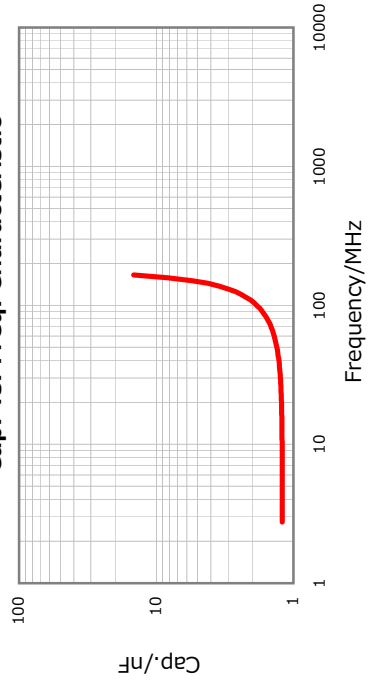
## |Z|, ESR vs. Freq. Characteristics



## DC Bias Characteristic



## Cap. vs. Freq. Characteristic



## Temperature Characteristics

