

# CGA3E2C0G1H122J080AD

TDK Item Description : CGA3E2C0G1H122JT\*\*\*B



Equivalent C1608C0G1H122J for Automotive

## Application & Main Feature

Automotive Grade ( Conductive Epoxy Application )

## Series

CGA3(1608) [EIA 0603]



## Dimensions

L	1.60mm ±0.15mm
W	0.80mm ±0.15mm
T	0.80mm ±0.15mm
B	0.20mm Min.
G	0.30mm Min.

## Temperature Characteristic

C0G (-55 to 125 degC 0+/-30ppm/degC)

## Rated Voltage

1H(50Vdc)

## Capacitance

1.2nF

## Capacitance Tolerance

J (±5%)

## Q Factor

1000 Min.

## Insulation Resistance

10Gohm Min

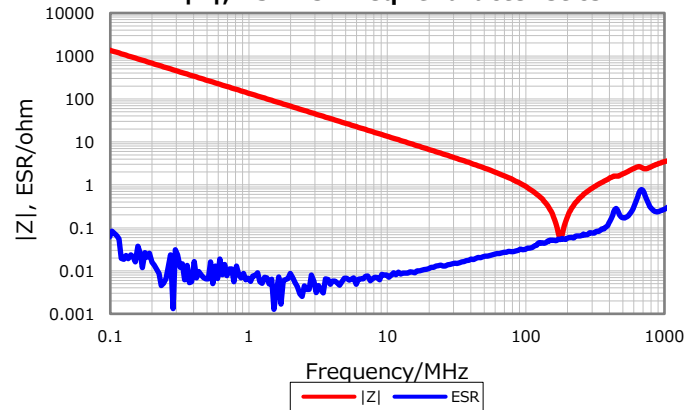
## AEC-Q200

Yes

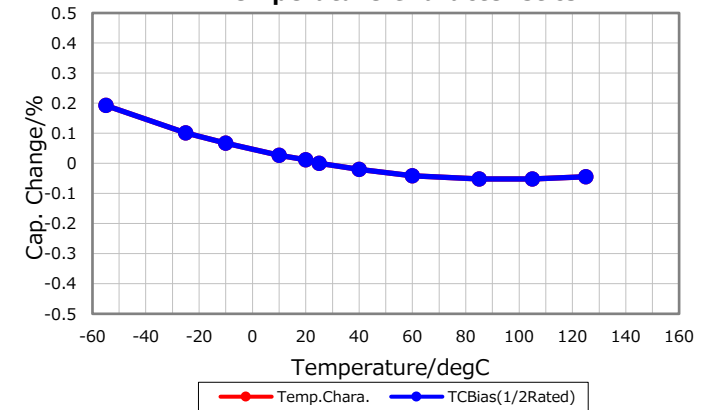
## DC Bias Characteristic



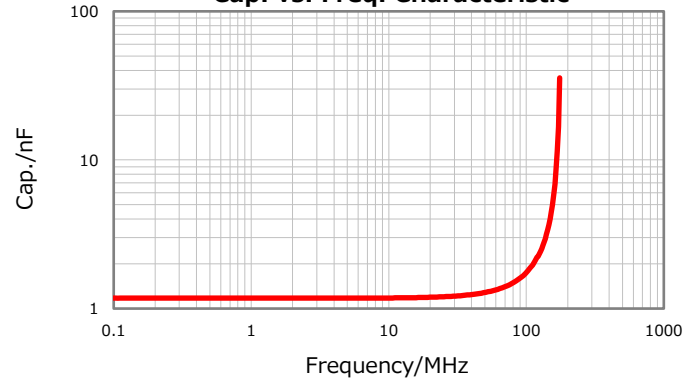
## |Z|, ESR vs. Freq. Characteristics



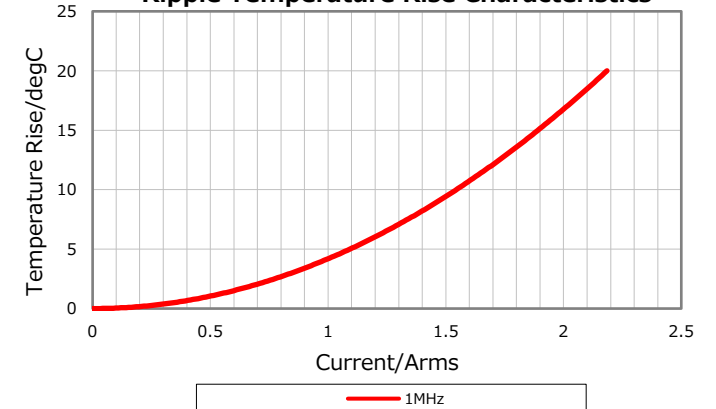
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.