

# CGA3E2C0G1H221J080AD

TDK Item Description : CGA3E2C0G1H221JT\*\*\*B

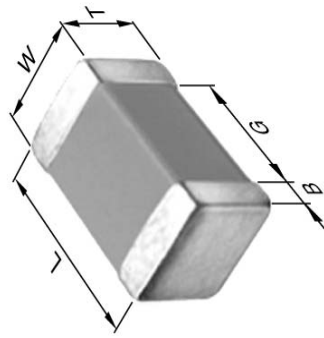
Equivalent C1608C0G1H221J for Automotive

## Application & Main Feature

Automotive Grade ( Conduitive Epoxy Application )

## Series

CGA3(1608) [EIA CC0603]



### 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

220pF

### Capacitance Tolerance

J (+/-5%)

### O Factor

1000 Min.

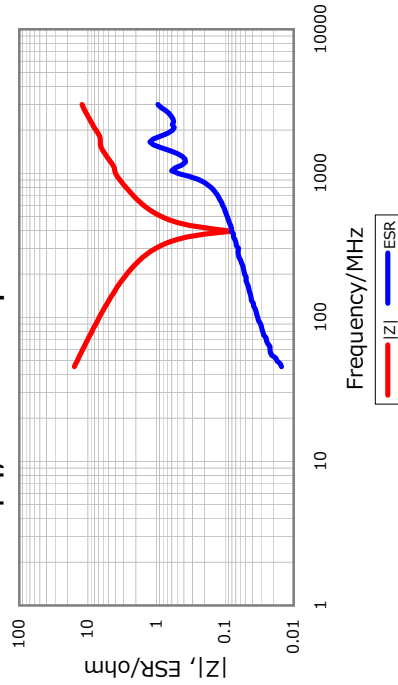
### Insulation Resistance

10Gohm Min.

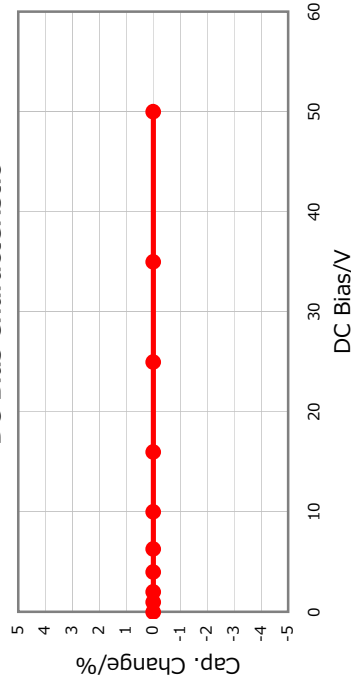
### AEC-Q200

Yes

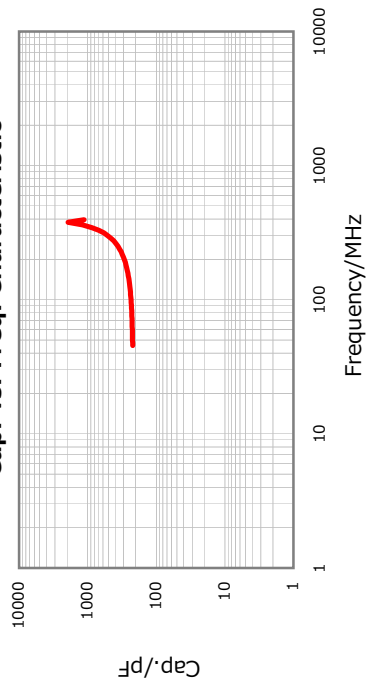
### |Z|, ESR vs. Freq. Characteristics



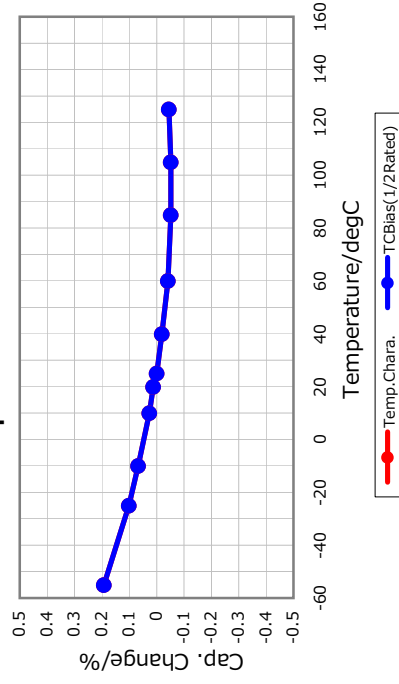
### DC Bias Characteristic



### Cap. vs. Freq. Characteristic



### Temperature Characteristics



All specifications are subject to change without notice.

January 4, 2016