

# CGA4F2NP02A222J085AA

TDK Item Description : CGA4F2NP02A222JT\*\*\*\*

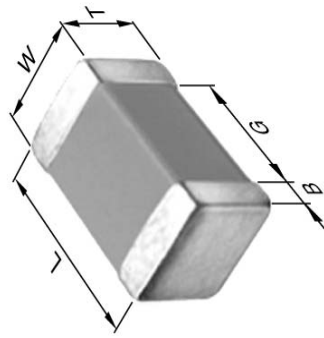
Equivalent C2012NP02A222J for Automotive

## Application & Main Feature

Automotive Grade ( High Temperature Application )

## Series

CGA4(2012) [EIA CC0805]



### Dimensions

|   |        |           |
|---|--------|-----------|
| L | 2.00mm | +/-0.2mm  |
| W | 1.25mm | +/-0.2mm  |
| T | 0.85mm | +/-0.15mm |
| B | 0.20mm | Min.      |
| G | 0.50mm | Min.      |

### Temperature Characteristic

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

### Rated Voltage

2A (100Vdc)

### Capacitance

2.2nF

### Capacitance Tolerance

J (+/-5%)

### O Factor

1000 Min.

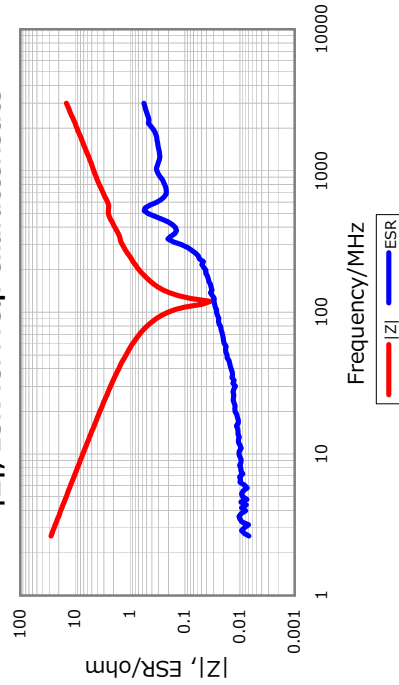
### Insulation Resistance

10Gohm Min.

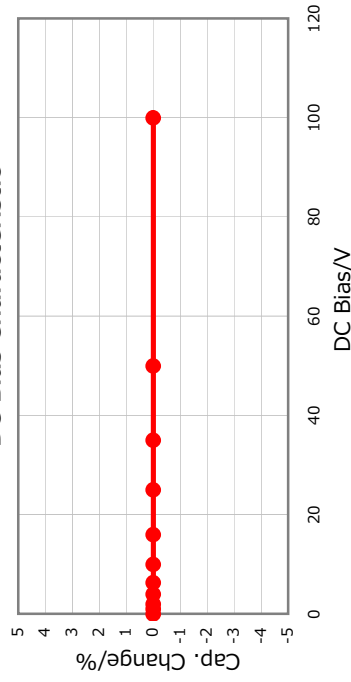
### AEC-Q200

Yes

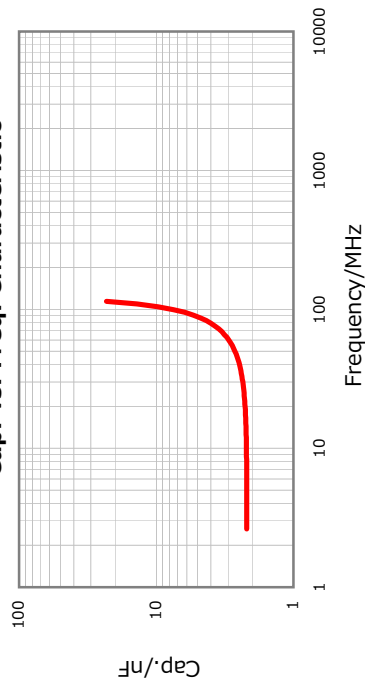
### |Z|, ESR vs. Freq. Characteristics



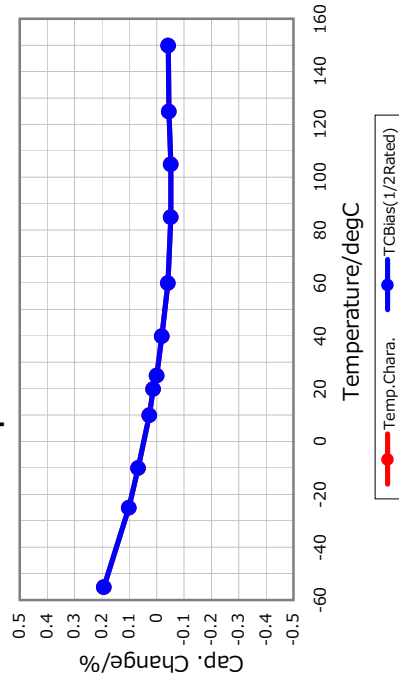
### DC Bias Characteristic



### Cap. vs. Freq. Characteristic



### Temperature Characteristics



All specifications are subject to change without notice.

January 4, 2016