

# CGA4F4C0G2W182J085AA

TDK Item Description : CGA4F4C0G2W182JT\*\*\*\*



## Application & Main Feature

Automotive Grade ( Mid Voltage (100 to 630V) )

## 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

## Temperature Characteristic

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

## Rated Voltage

2W (450Vdc)

## Capacitance

1.8nF

## Capacitance Tolerance

J (+/-5%)

## Q Factor

1000 Min.

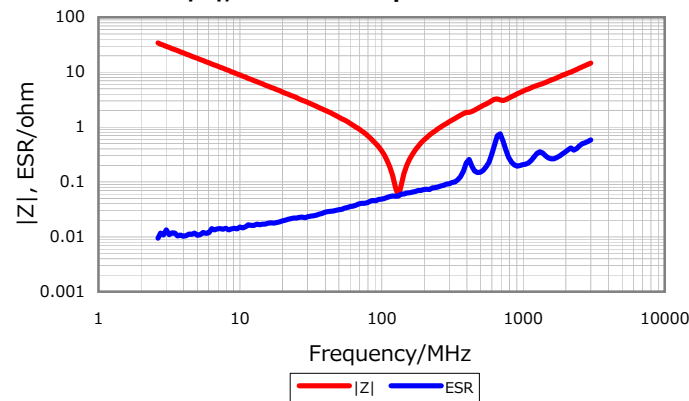
## Insulation Resistance

10Gohm Min.

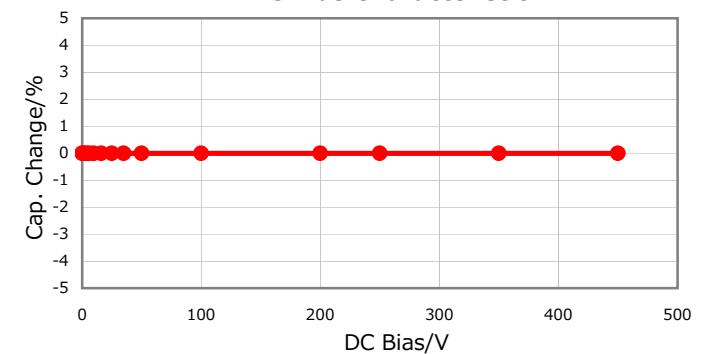
## AEC-Q200

Yes

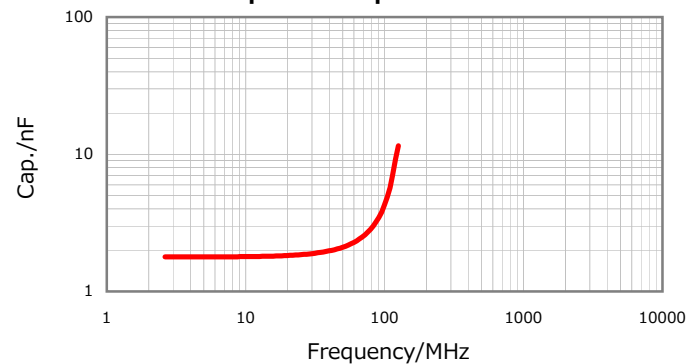
### |Z|, ESR vs. Freq. Characteristics



### DC Bias Characteristic



### Cap. vs. Freq. Characteristic



### Temperature Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 4, 2016