

# CGA4F2C0G1H153J085AD

TDK Item Description : CGA4F2C0G1H153JT\*\*\*B



Equivalent C2012C0G1H153J for Automotive

## Application & Main Feature

Automotive Grade ( Conductive Epoxy Application )

## Series

CGA4(2012) [EIA 0805]



## Dimensions

|   |                |
|---|----------------|
| L | 2.00mm ±0.25mm |
| W | 1.25mm ±0.25mm |
| T | 0.85mm ±0.15mm |
| B | 0.20mm Min.    |
| G | 0.50mm Min.    |

## Temperature Characteristic

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

## Rated Voltage

1H(50Vdc)

## Capacitance

15nF

## Capacitance Tolerance

J (±5%)

## Q Factor

1000 Min.

## Insulation Resistance

10Gohm Min

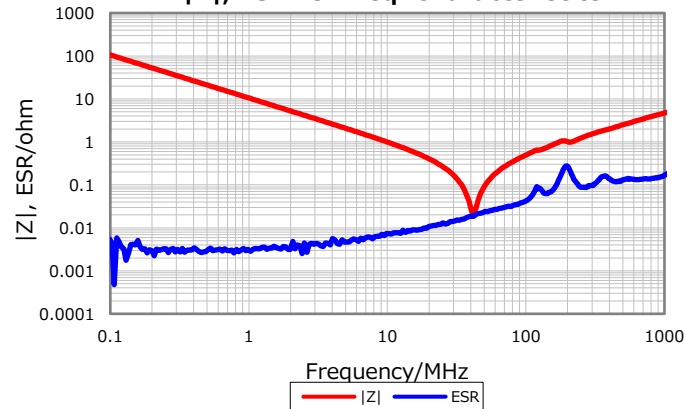
## AEC-Q200

Yes

## DC Bias Characteristic



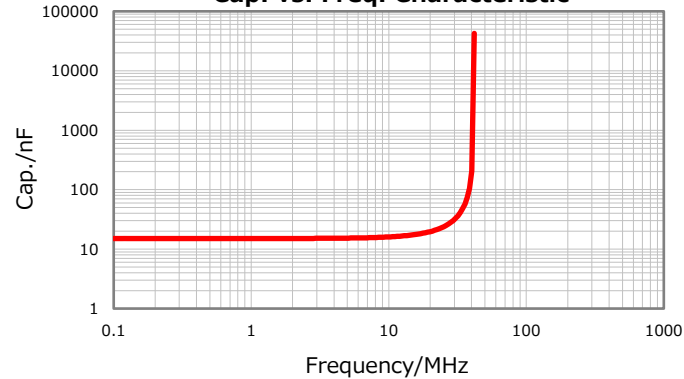
## |Z|, ESR vs. Freq. Characteristics



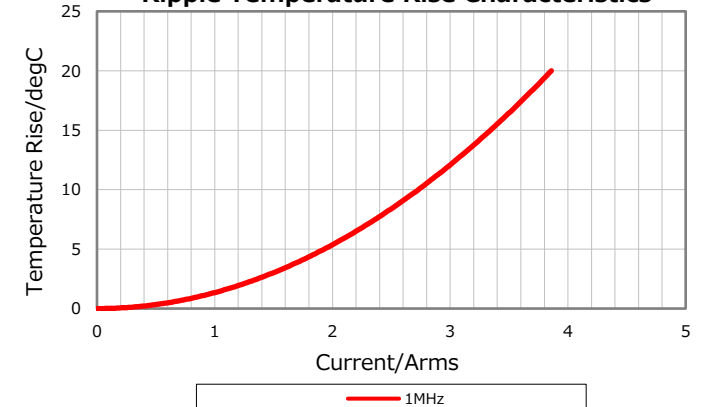
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

May 22, 2019