

# CGA5F2NP01H333J085AA

TDK Item Description : CGA5F2NP01H333JT\*\*\*



Equivalent C3216NP01H333J for Automotive

## Application & Main Feature

Automotive Grade ( High Temperature Application )

## Series

CGA5(3216) [EIA 1206]



## Dimensions

L	3.20mm ±0.20mm
W	1.60mm ±0.20mm
T	0.85mm ±0.15mm
B	0.20mm Min.
G	1.00mm Min.

## Temperature Characteristic

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

## Rated Voltage

1H(50Vdc)

## Capacitance

33nF

## Capacitance Tolerance

J (±5%)

## Q Factor

1000 Min.

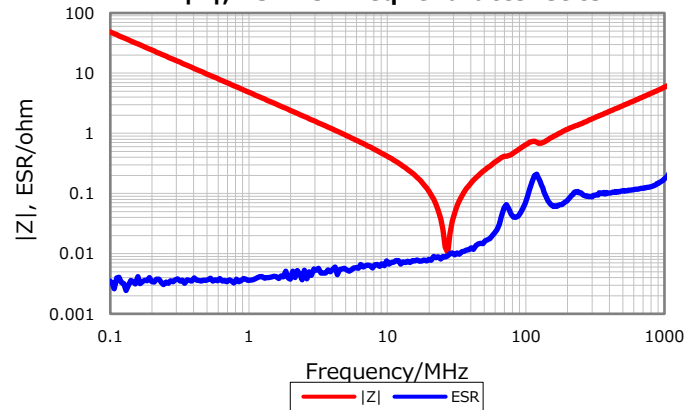
## Insulation Resistance

10Gohm Min

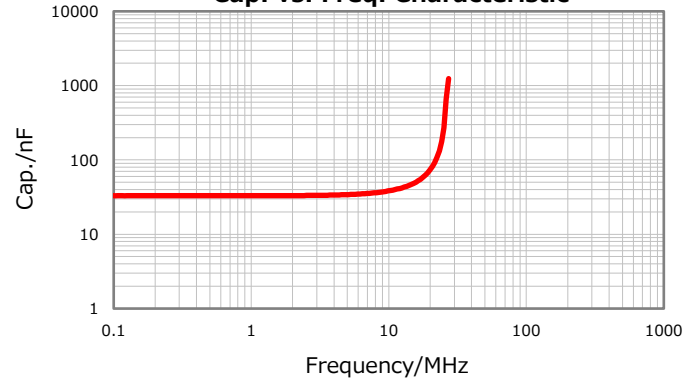
## AEC-Q200

Yes

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



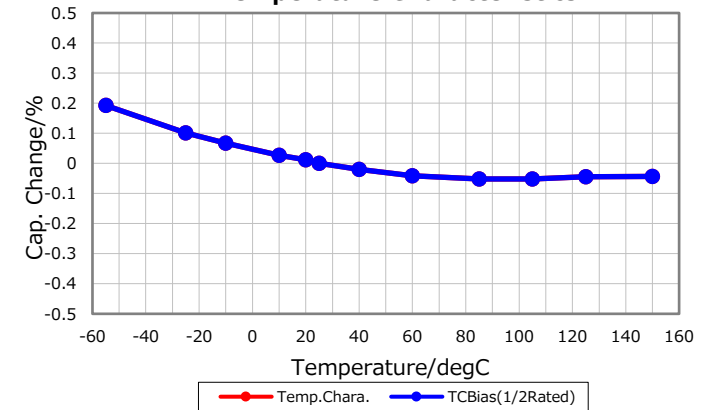
## Cap. vs. Freq. Characteristic



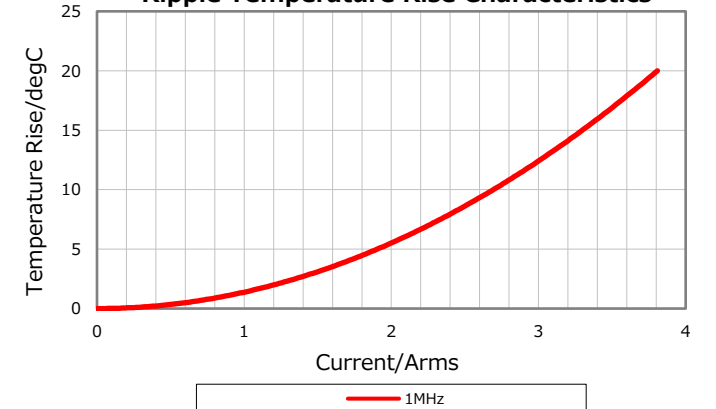
## DC Bias Characteristic



## Temperature Characteristics



## Ripple Temperature Rise Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

May 22, 2019