

# CGA4C4C0G2W102J060AA

TDK Item Description : CGA4C4C0G2W102JT\*\*\*\*



Equivalent C2012C0G2W102J for Automotive

## Application & Main Feature

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

## Series

CGA4(2012) [EIA 0805]

## Dimensions

L	2.00mm ±0.20mm
W	1.25mm ±0.20mm
T	0.60mm ±0.15mm
B	0.20mm Min.
G	0.50mm Min.

## Temperature Characteristic

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

## Rated Voltage

2W(450Vdc)

## Capacitance

1nF

## Capacitance Tolerance

J (±5%)

## Q Factor

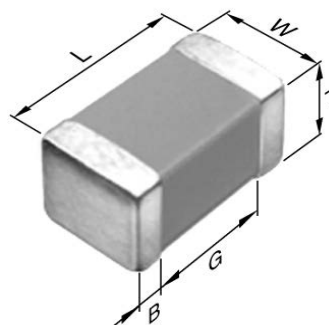
1000 Min.

## Insulation Resistance

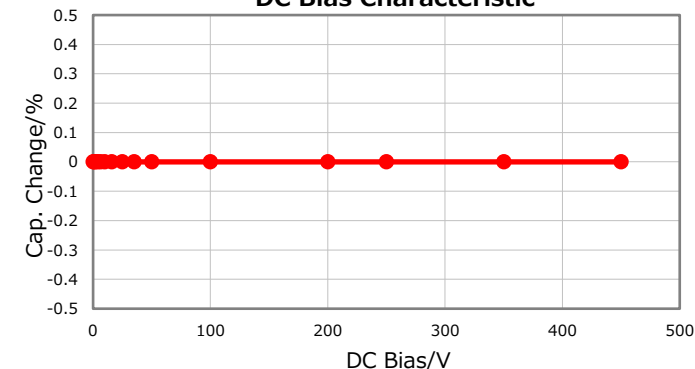
10Gohm Min

## AEC-Q200

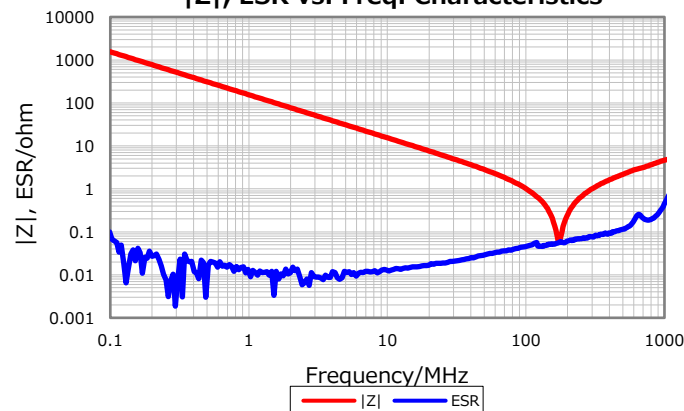
Yes



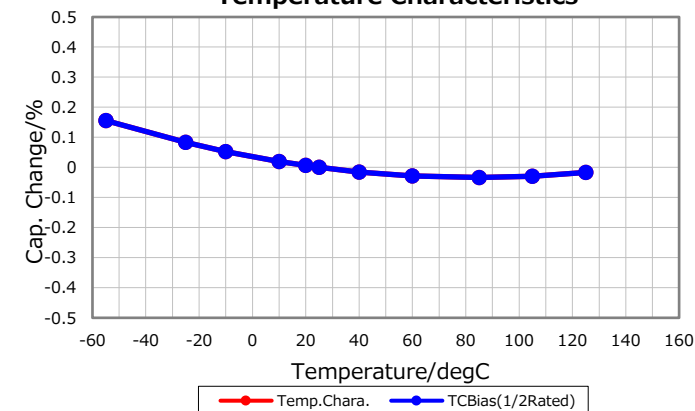
## DC Bias Characteristic



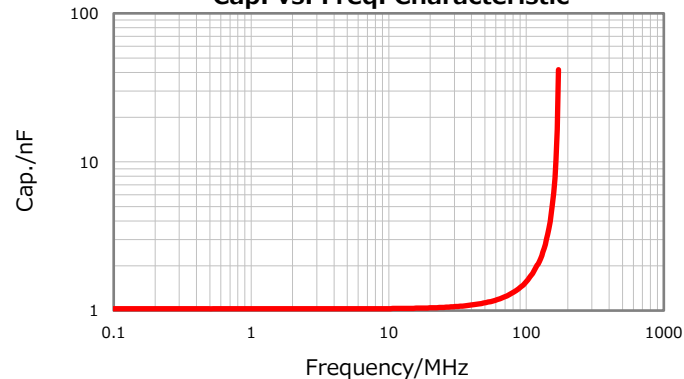
## |Z|, ESR vs. Freq. Characteristics



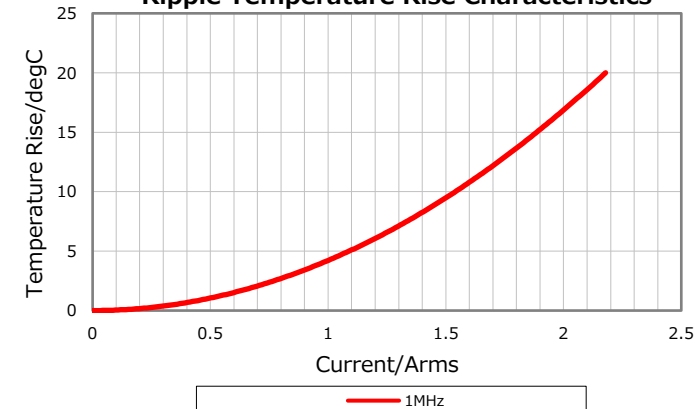
## Temperature Characteristics



## Cap. vs. Freq. Characteristic



## Ripple Temperature Rise Characteristics



All specifications are subject to change without notice.

July 2, 2019