

# CGA2B2NP01H271J050BA

TDK Item Description : CGA2B2NP01H271JT\*\*\*



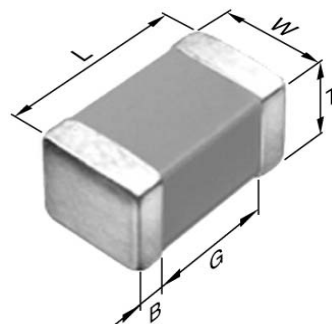
Equivalent C1005NP01H271J for Automotive

## Application & Main Feature

Automotive Grade ( High Temperature Application )

## Series

CGA2(1005) [EIA CC0402]



## Dimensions

L 1.00mm +/-0.05mm  
W 0.50mm +/-0.05mm  
T 0.50mm +/-0.05mm  
B 0.10mm Min.  
G 0.30mm Min.

## Temperature Characteristic

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

## Rated Voltage

1H (50Vdc)

## Capacitance

270pF

## Capacitance Tolerance

J (+/-5%)

## O Factor

1000 Min.

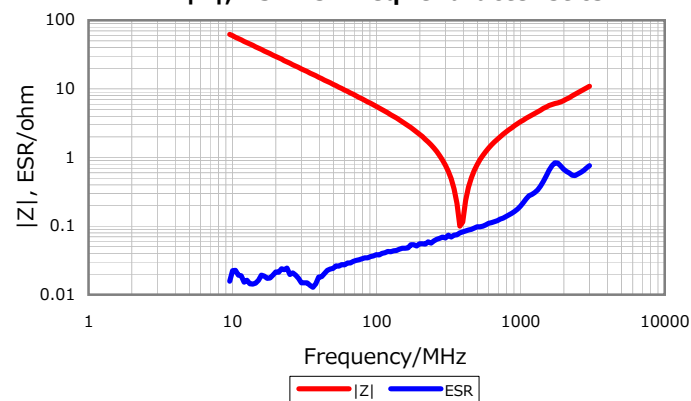
## Insulation Resistance

10Gohm Min.

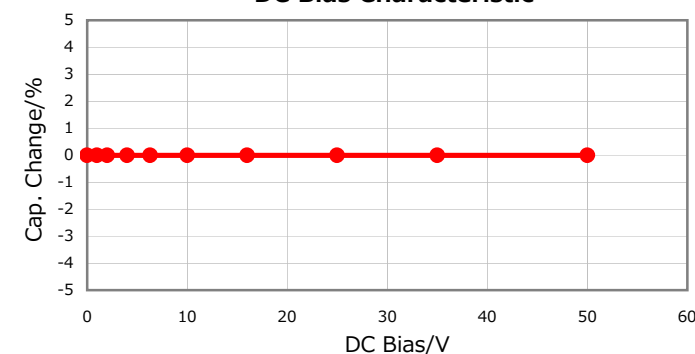
## AEC-Q200

Yes

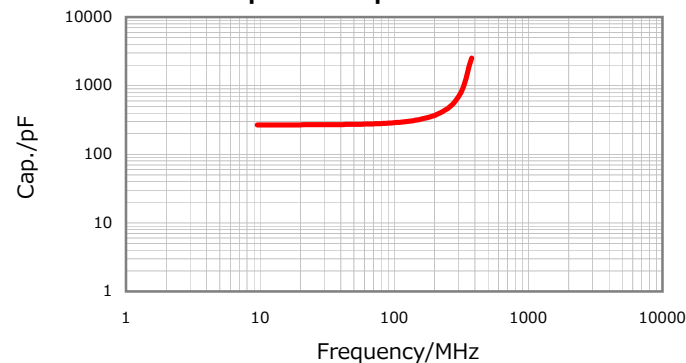
|Z|, ESR vs. Freq. Characteristics



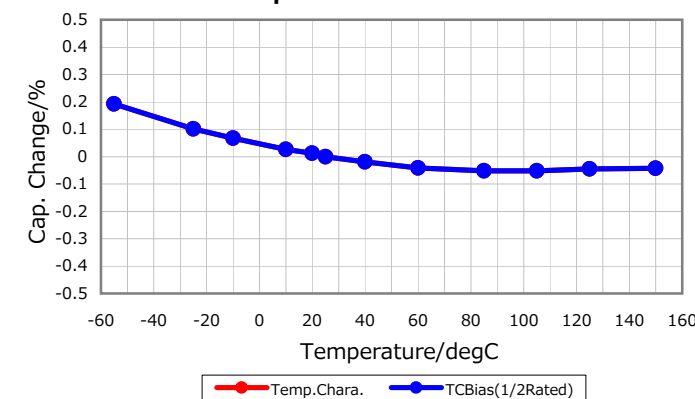
DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristics



All specifications are subject to change without notice.

January 4, 2016