

# CGA2B2C0G1H100D050BA

TDK Item Description : CGA2B2C0G1H100DT\*\*\*\*



Equivalent C1005C0G1H100D for Automotive

## Application & Main Feature

Automotive Grade ( General (Up to 50V) )

## 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

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

## Rated Voltage

1H (50Vdc)

## Capacitance

10pF

## Capacitance Tolerance

D (+/-0.5pF)

## Q Factor

600 Min.

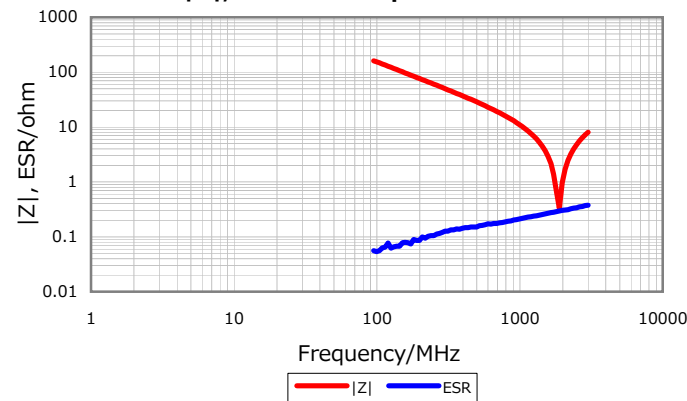
## Insulation Resistance

10Gohm Min.

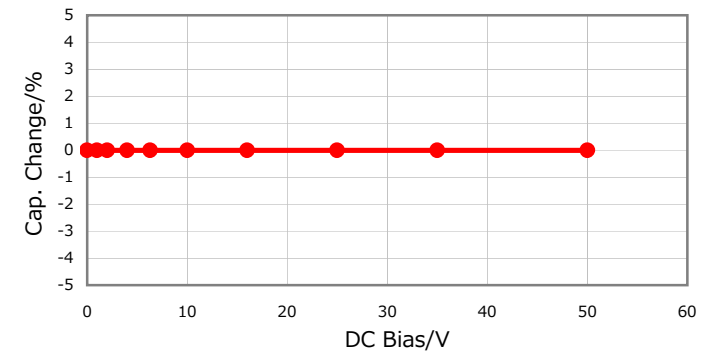
## AEC-Q200

Yes

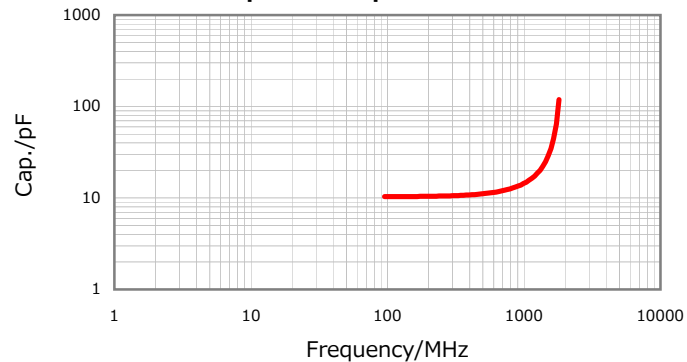
**|Z|, ESR vs. Freq. Characteristics**



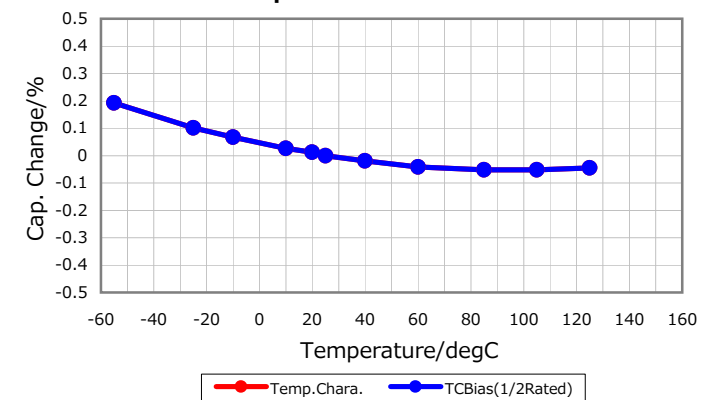
**DC Bias Characteristic**



**Cap. vs. Freq. Characteristic**



**Temperature Characteristic**



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

February 3, 2014

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TDK:

[CGA2B2C0G1H100D050BA](#)