

# CGA1A2C0G1H220J030BA

TDK Item Description : CGA1A2C0G1H220JT\*\*\*



Equivalent C0603C0G1H220J for Automotive

## Application & Main Feature

Automotive Grade ( General (Up to 50V) )

## Series

CGA1(0603) [EIA CC0201]



## Dimensions

L 0.60mm +/-0.03mm  
W 0.30mm +/-0.03mm  
T 0.30mm +/-0.03mm  
B 0.10mm Min.  
G 0.20mm Min.

## Temperature Characteristic

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

## Rated Voltage

1H (50Vdc)

## Capacitance

22pF

## Capacitance Tolerance

J (+/-5%)

## Q Factor

840 Min.

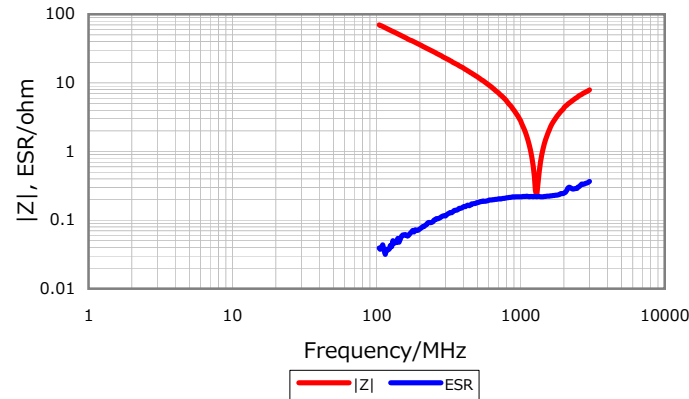
## Insulation Resistance

10Gohm Min.

## AEC-Q200

Yes

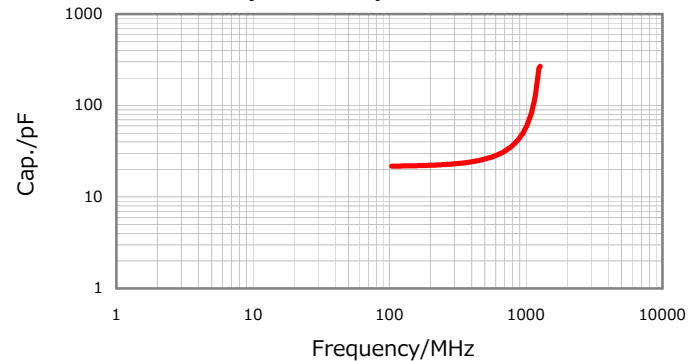
### |Z|, ESR vs. Freq. Characteristics



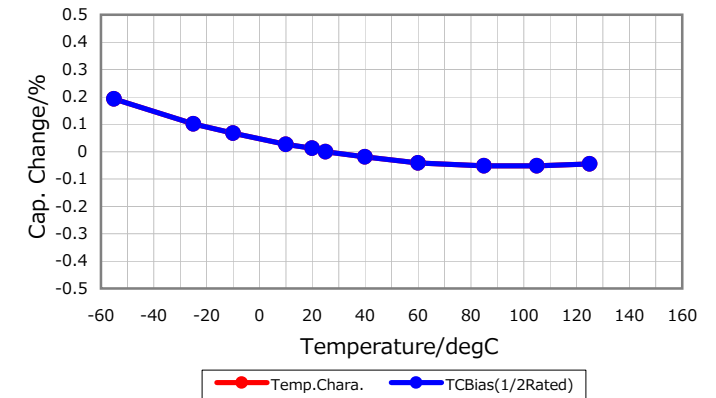
### DC Bias Characteristic



### Cap. vs. Freq. Characteristic



### Temperature Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

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