

# C0402C0G1C820K020BC

TDK Item Description : C0402C0G1C820KT\*\*\*\*



## Application & Main Feature

Commercial Grade ( General (Up to 50V) )

## Series

C0402 [EIA CC01005]



## Dimensions

L 0.40mm +/-0.02mm  
W 0.20mm +/-0.02mm  
T 0.20mm +/-0.02mm  
B 0.07mm Min.  
G 0.14mm Min.

## Temperature Characteristic

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

## Rated Voltage

1C (16Vdc)

## Capacitance

82pF

## Capacitance Tolerance

K (+/-10%)

## Q Factor

1000 Min.

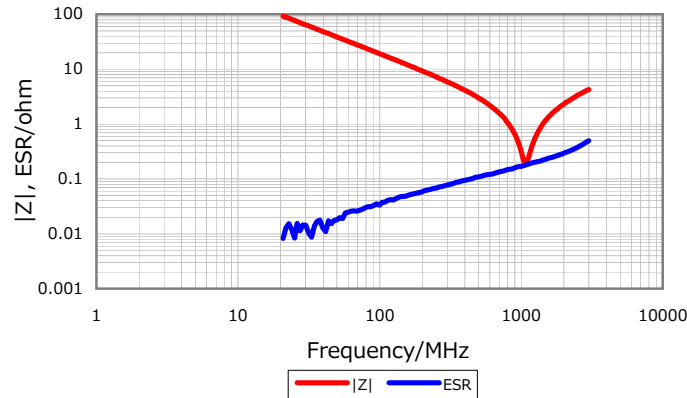
## Insulation Resistance

10Gohm Min.

## AEC-Q200

Not Applicable

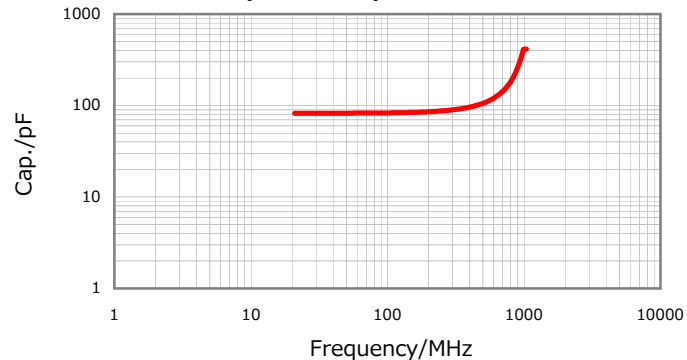
### |Z|, ESR vs. Freq. Characteristics



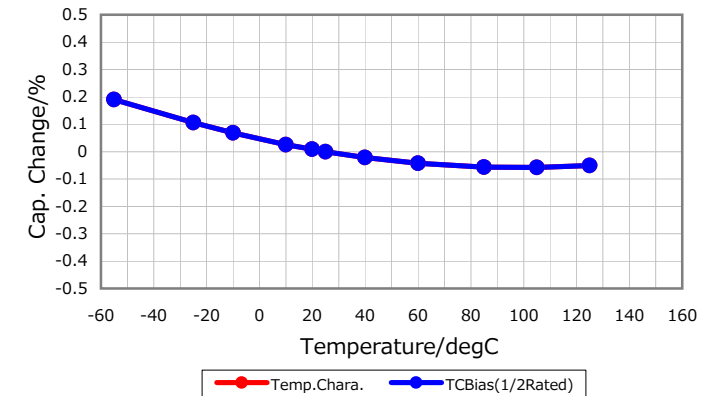
### DC Bias Characteristic



### Cap. vs. Freq. Characteristic



### Temperature Characteristics



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 2, 2016