

# C0402C0G1C180J020BC

TDK Item Description : C0402C0G1C180JT\*\*\*\*



## 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

18pF

## Capacitance Tolerance

J (+/-5%)

## Q Factor

760 Min.

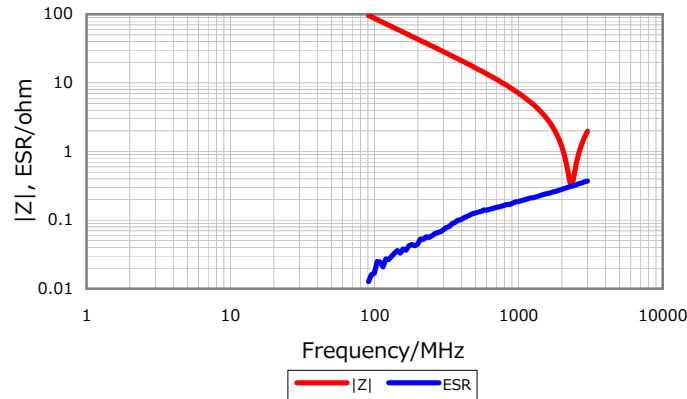
## Insulation Resistance

10Gohm Min.

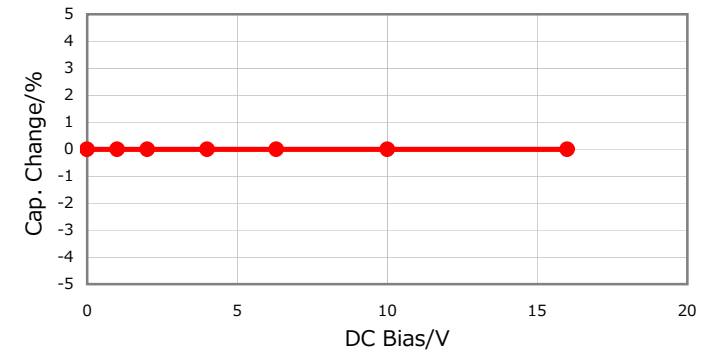
## AEC-Q200

Not Applicable

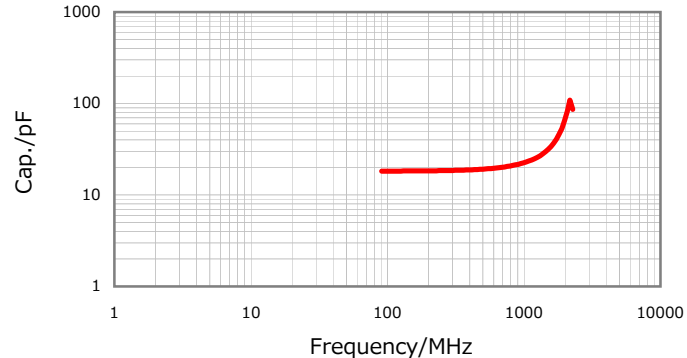
**|Z|, ESR vs. Freq. Characteristics**



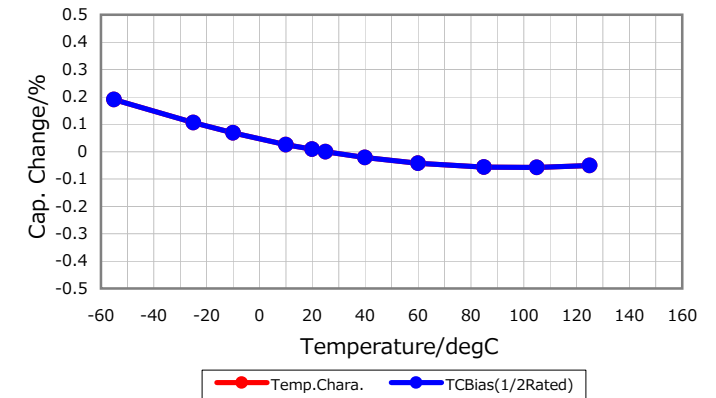
**DC Bias Characteristic**



**Cap. vs. Freq. Characteristic**



**Temperature Characteristics**



Characterization Sheet ( Multilayer Ceramic Chip Capacitors )



All specifications are subject to change without notice.

January 2, 2016