

# FA18C0G2A6R8DNU00



## Application

Automotive Grade

## Series

FA18



## Dimensions

L 4mm Max.  
 W 5.5mm Max.  
 T 2.5mm Max.  
 F 2.5mm +/-0.8mm  
 d 0.5mm +0.1,-0.03mm  
 l 7mm +/-2mm

## Temperature Characteristic

-55 to 125°C 0+/-30ppm/°C

## Rated Voltage

100Vdc

## Capacitance

6.8pF

## Capacitance Tolerance

+/-0.5pF

## Q Factor

536 Min.

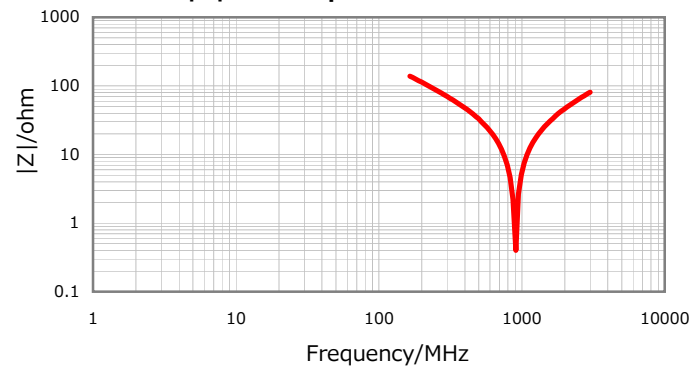
## Insulation Resistance

10000Mohm Min.

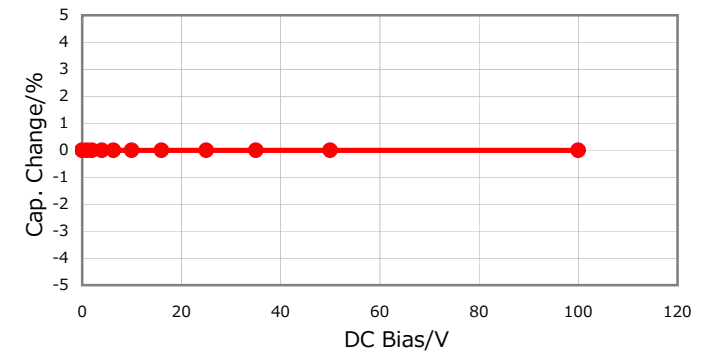
## AEC-Q200

Yes

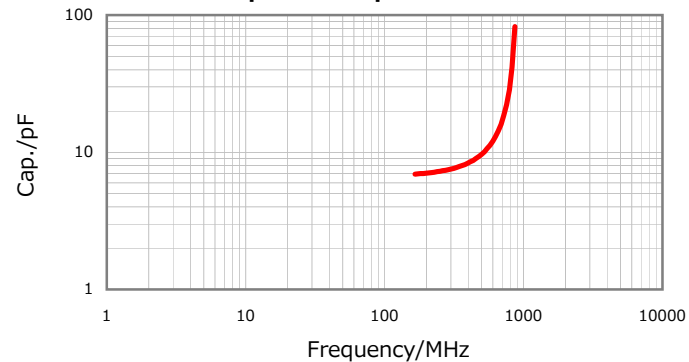
**|Z| vs. Freq. Characteristic**



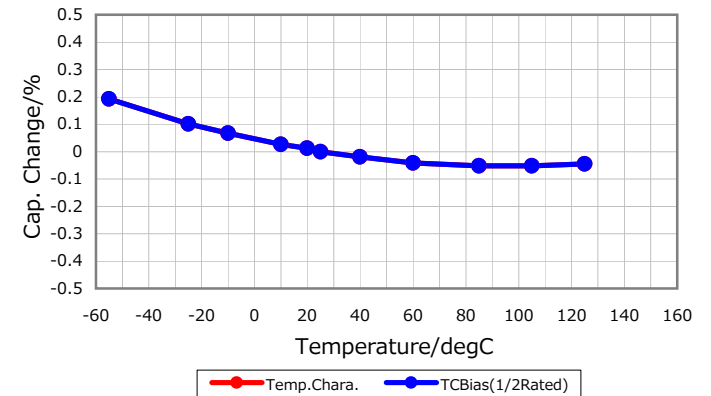
**DC Bias Characteristic**



**Cap. vs. Freq. Characteristic**



**Temperature Characteristics**



Characterization Sheet (MLCC with Dipped Radial Lead)



All specifications are subject to change without notice.

December 28, 2015