

# FA16X8R1E684KNU06

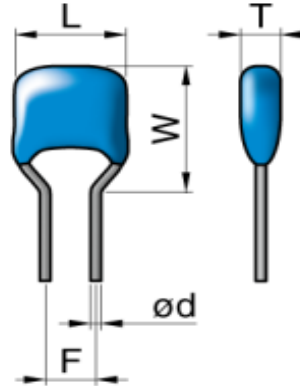


## Application

Automotive Grade

## Series

FA16



## Dimensions

L 5.5mm Max.  
 W 6mm Max.  
 T 3.5mm Max.  
 F 2.5mm +0.5,-0.2mm  
 d 0.5mm +0.1,-0.03mm

## Temperature Characteristic

-55 to 150°C +/-15%

## Rated Voltage

25Vdc

## Capacitance

680nF

## Capacitance Tolerance

+/-10%

## Dissipation Factor

3% Max.

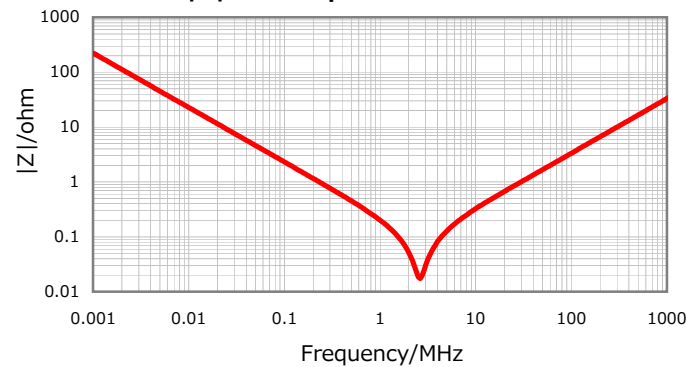
## Insulation Resistance

735Mohm Min.

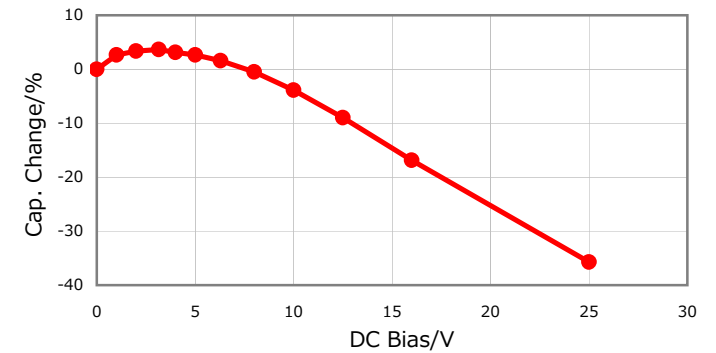
## AEC-Q200

Yes

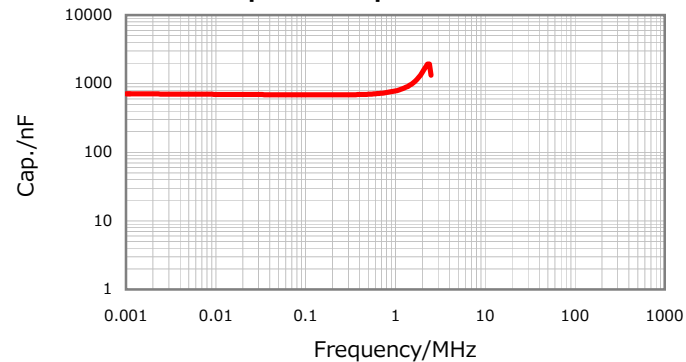
**|Z| vs. Freq. Characteristic**



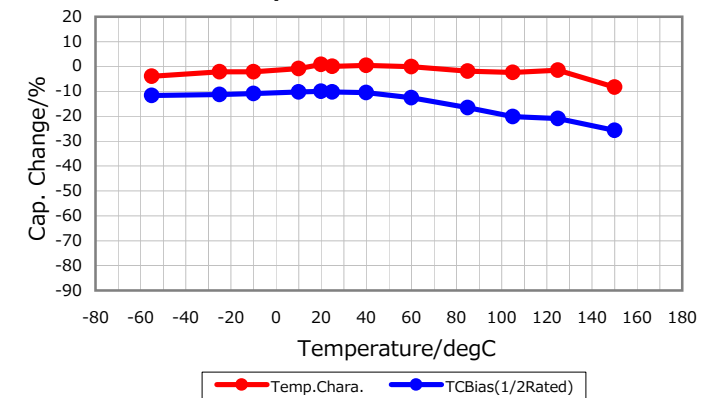
**DC Bias Characteristic**



**Cap. vs. Freq. Characteristic**



**Temperature Characteristics**



Characterization Sheet (MLCC with Dipped Radial Lead)



All specifications are subject to change without notice.

December 28, 2015