

# FG22X7R1H685KRT06



## Application

Commercial Grade

## Series

FG22



## Dimensions

L 7.5mm Max.  
 W 8.5mm Max.  
 T 4.5mm Max.  
 F 5mm +0.8,-0.2mm  
 d 0.5mm +0.1,-0.03mm

## Temperature Characteristic

-55 to 125°C +/-15%

## Rated Voltage

50Vdc

## Capacitance

6.8µF

## Capacitance Tolerance

+/-10%

## Dissipation Factor

5% Max.

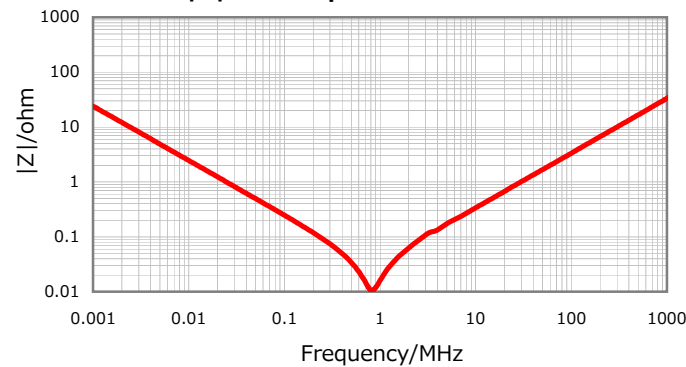
## Insulation Resistance

73Mohm Min.

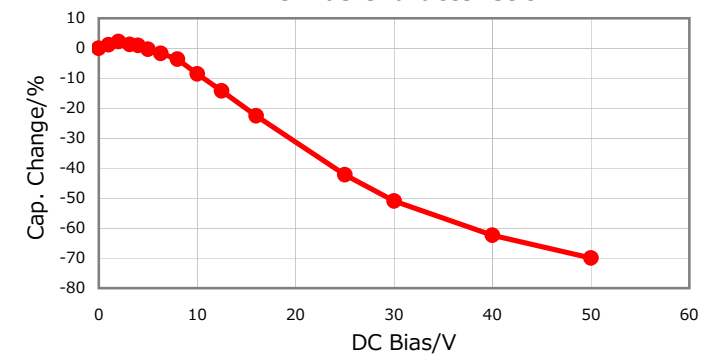
## AEC-Q200

No

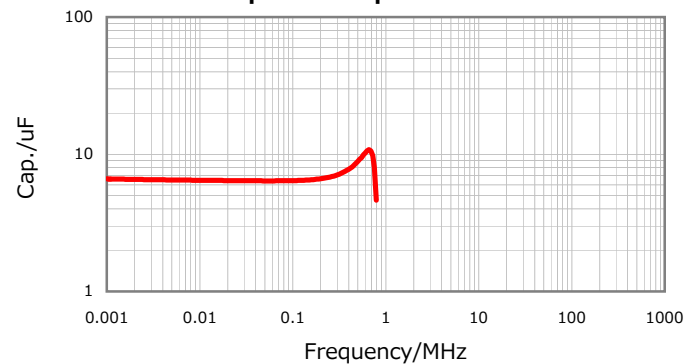
**|Z| vs. Freq. Characteristic**



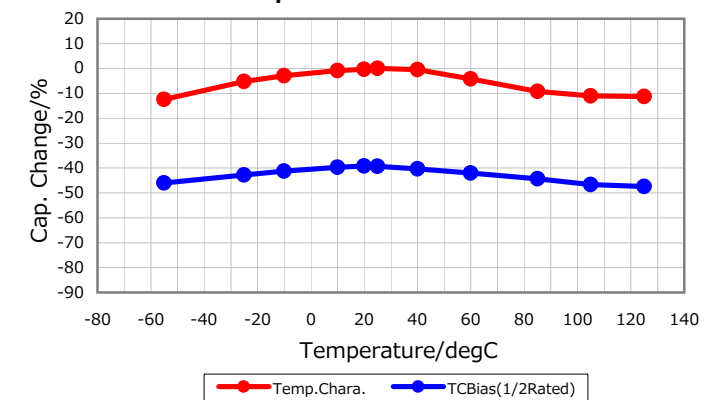
**DC Bias Characteristic**



**Cap. vs. Freq. Characteristic**



**Temperature Characteristics**



Characterization Sheet (MLCC with Dipped Radial Lead)



All specifications are subject to change without notice.

December 28, 2015