

FA18X8R1H682KNU06



Application

Automotive Grade

Series

FA18



Dimensions

L 4mm Max.
 W 5.5mm Max.
 T 2.5mm Max.
 F 2.5mm +0.5,-0.2mm
 d 0.5mm +0.1,-0.03mm

Temperature Characteristic

-55 to 150°C +/-15%

Rated Voltage

50Vdc

Capacitance

6.8nF

Capacitance Tolerance

+/-10%

Dissipation Factor

3% Max.

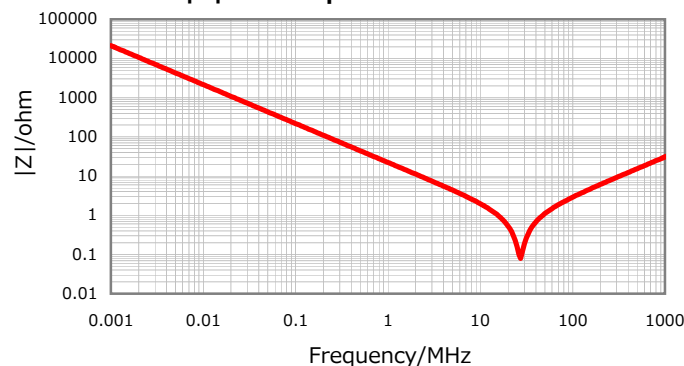
Insulation Resistance

10000Mohm Min.

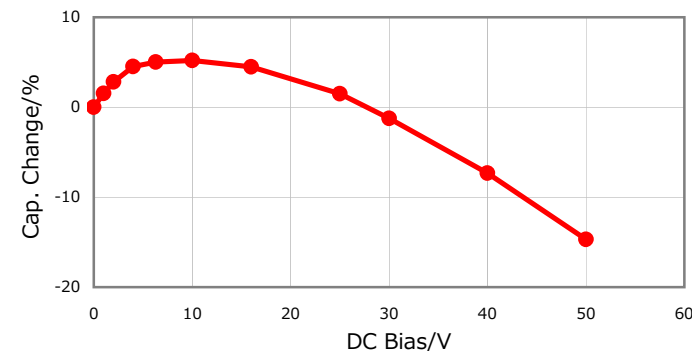
AEC-Q200

Yes

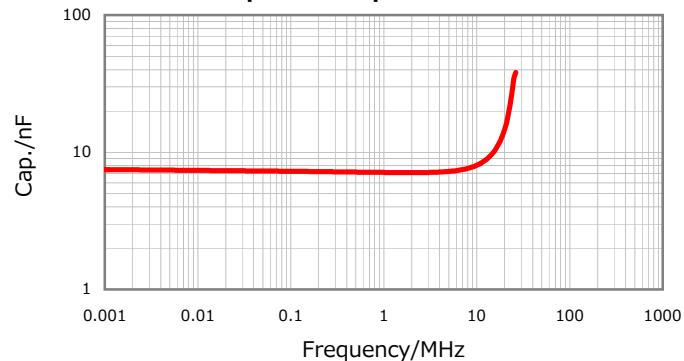
|Z| vs. Freq. Characteristic



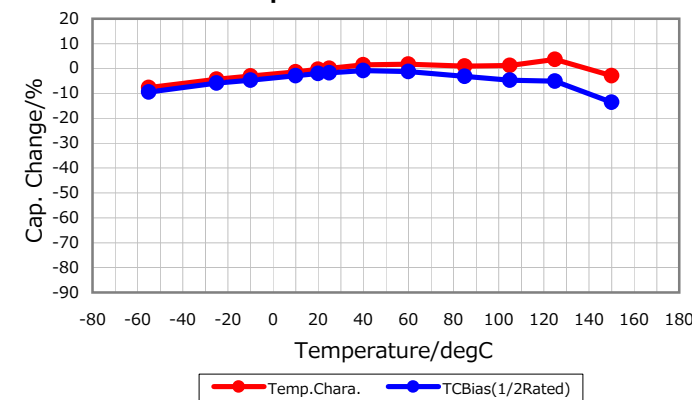
DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristics



Characterization Sheet (MLCC with Dipped Radial Lead)



All specifications are subject to change without notice.

December 28, 2015