

FA16X8R1E105KNU06

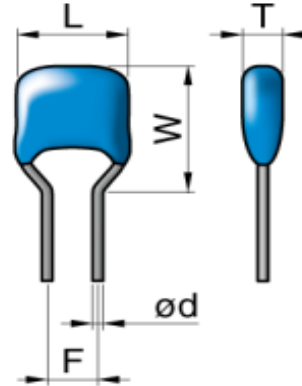


Application

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

1uF

Capacitance Tolerance

+/-10%

Dissipation Factor

3% Max.

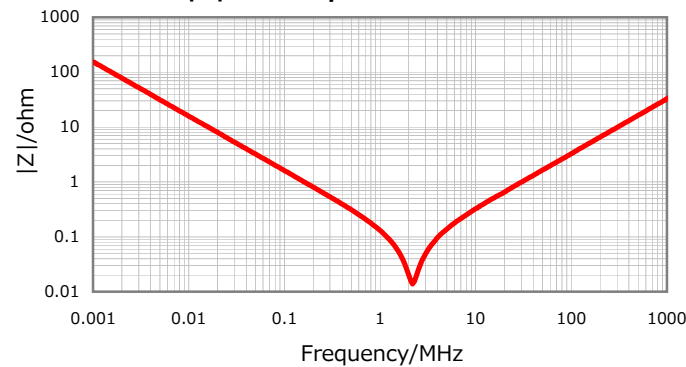
Insulation Resistance

500Mohm Min.

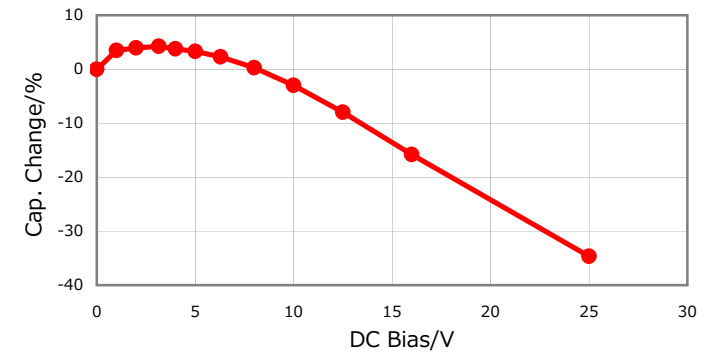
AEC-Q200

Yes

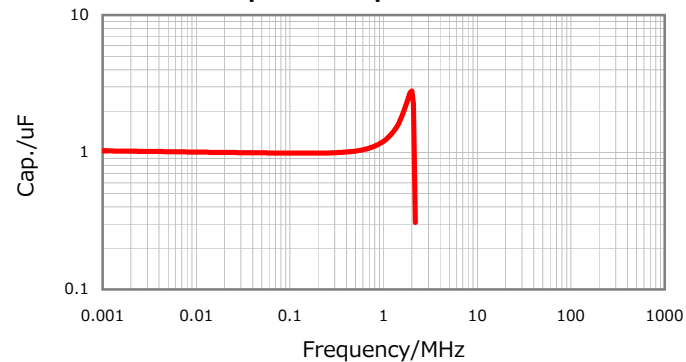
|Z| vs. Freq. Characteristic



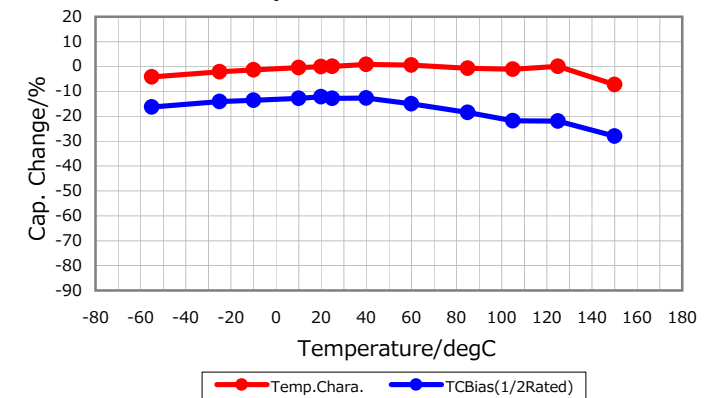
DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristics



Characterization Sheet (MLCC with Dipped Radial Lead)



All specifications are subject to change without notice.

December 28, 2015