

FA16X7R1E105KNU00

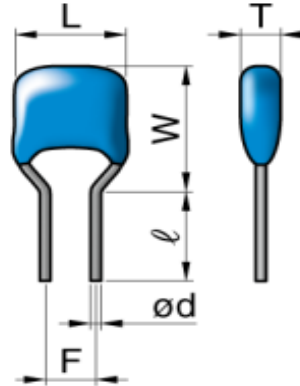


Application

Automotive Grade

Series

FA16



Dimensions

- L 5.5mm Max.
- W 6mm Max.
- T 3.5mm Max.
- F 2.5mm +/-0.8mm
- d 0.5mm +0.1,-0.03mm
- l 7mm +/-2mm

Temperature Characteristic

-55 to 125°C +/-15%

Rated Voltage

25Vdc

Capacitance

1uF

Capacitance Tolerance

+/-10%

Dissipation Factor

3% Max.

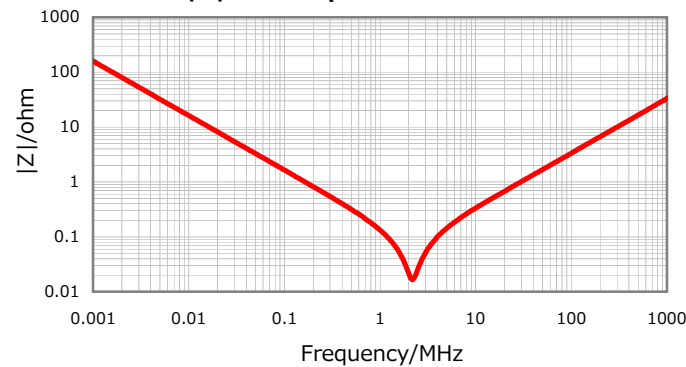
Insulation Resistance

100Mohm Min.

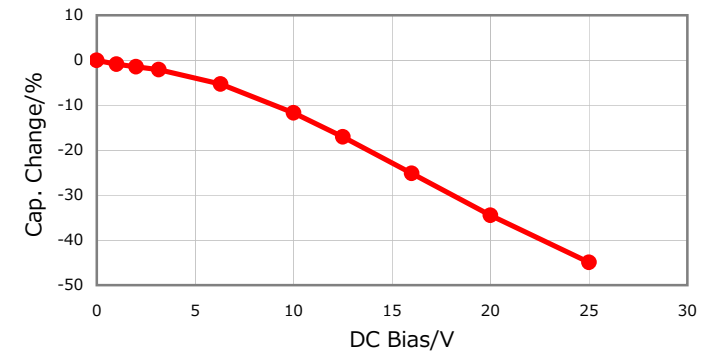
AEC-Q200

Yes

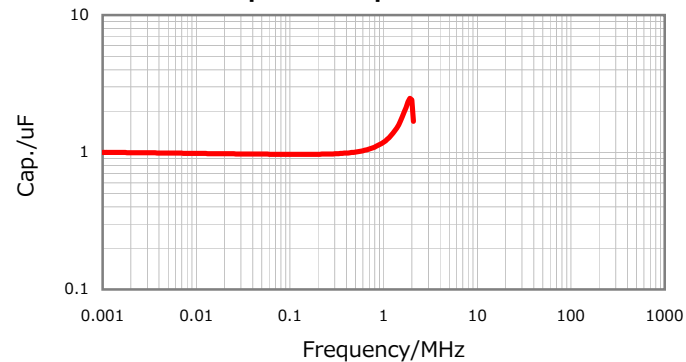
|Z| vs. Freq. Characteristic



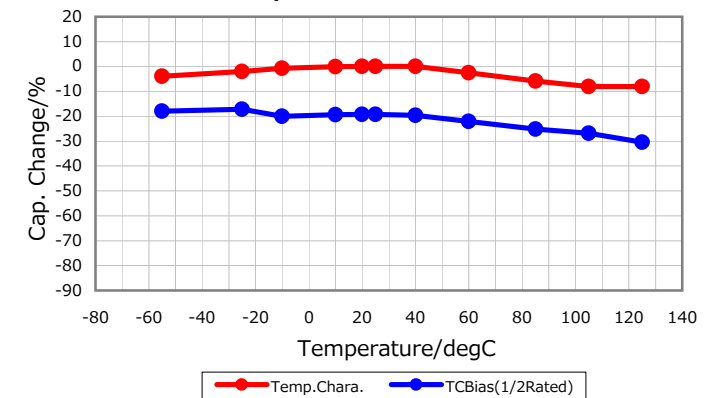
DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristics



Characterization Sheet (MLCC with Dipped Radial Lead)



All specifications are subject to change without notice.

December 28, 2015