

FA18NP02A272JNU00



Application

Automotive Grade

Series

FA18

Dimensions

L 4mm Max.
 W 5.5mm Max.
 T 2.5mm Max.
 F 2.5mm +/-0.8mm
 d 0.5mm +0.1,-0.03mm
 ℓ 7mm +/-2mm

Temperature Characteristic

-55 to 150°C 0+/-30ppm/°C

Rated Voltage

100Vdc

Capacitance

2.7nF

Capacitance Tolerance

+/-5%

Q Factor

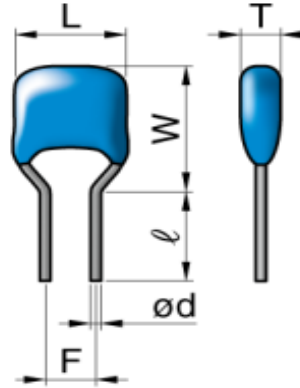
1000 Min.

Insulation Resistance

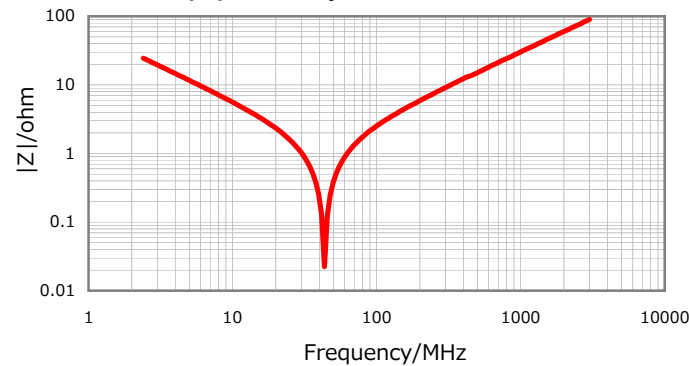
10000Mohm Min.

AEC-Q200

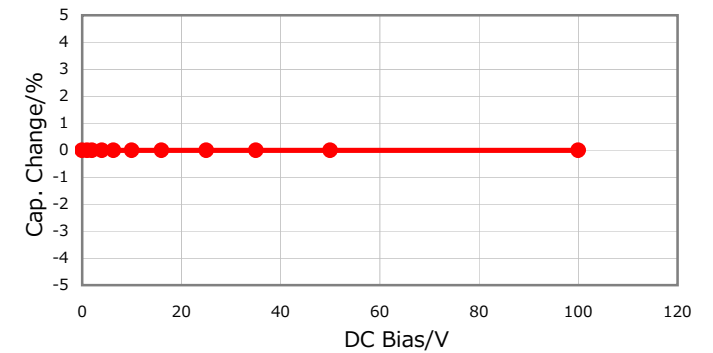
Yes



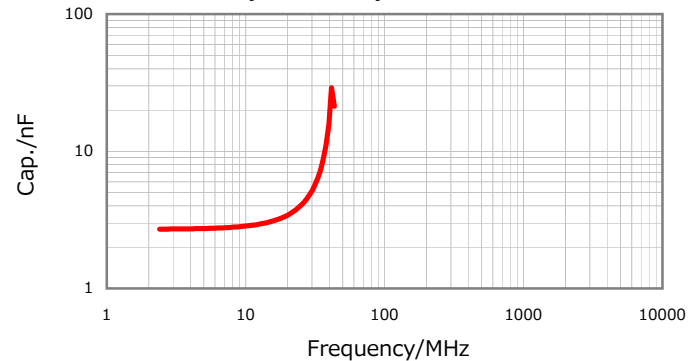
|Z| vs. Freq. Characteristic



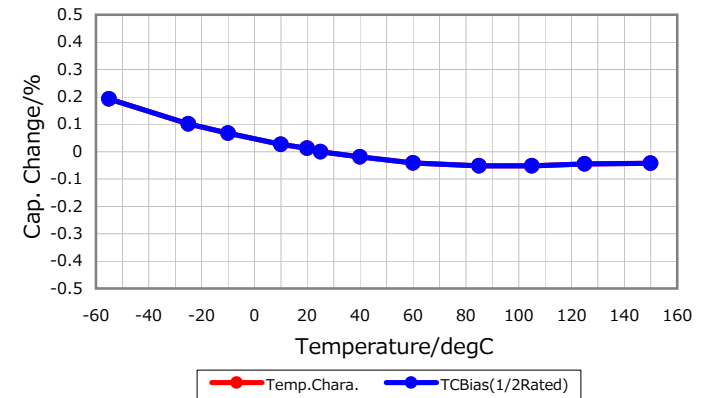
DC Bias Characteristic



Cap. vs. Freq. Characteristic



Temperature Characteristics



Characterization Sheet (MLCC with Dipped Radial Lead)



All specifications are subject to change without notice.

December 28, 2015