



SPECIFICATION OF ALUMINUM ELECTROLYTIC CAPACITOR

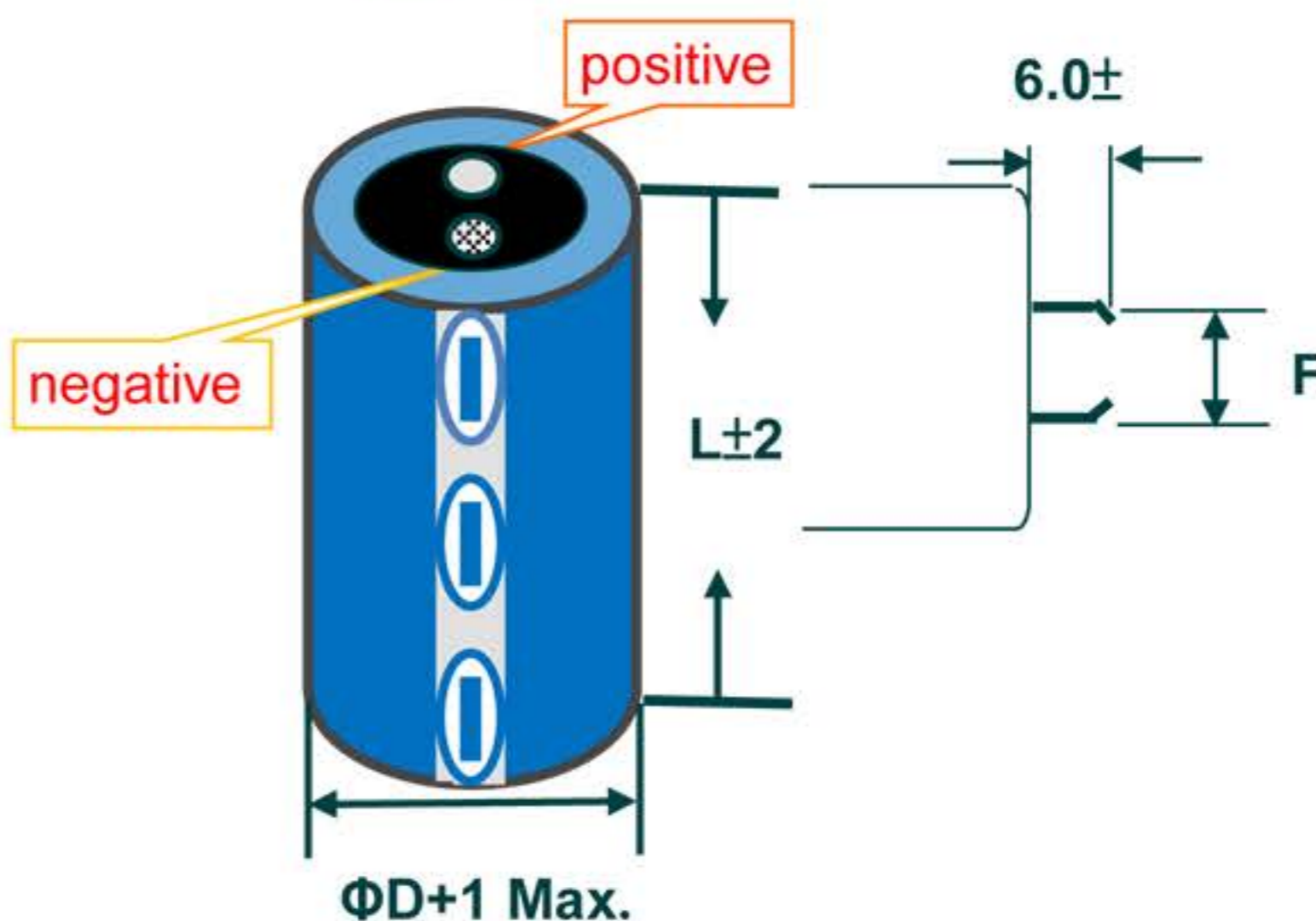
Part No.: SNF103M1K3563B		Working Voltage: 80VDC
Capacitance: 10,000 μ F	Tolerance: $\pm 20\%$	Type: SNAP IN/Slit Foil

Shape & Dimensions(mm)

D= 35+1 Max.

F= 10 \pm 0.1

L= 63 \pm 2



Electrical Characteristics

Operating Temperature Range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Leakage Current: Not greater than $2683 \mu\text{A}$ after 5 minutes. ($3\sqrt{\text{CV}}$)

Surge Voltage: 100 VDC

Max. ESR: 27 m Ω at 120Hz 20 $^{\circ}\text{C}$

Max. Impedance: 21.5 m Ω at 10KHz 20 $^{\circ}\text{C}$

Max. Ripple Current: 7 Arms at 120Hz and 85 $^{\circ}\text{C}$

Load Life: after 10,000 hours application of W.V. at 85 $^{\circ}\text{C}$, the capacitor shall meet the following:

- 1) Capacitance change: $\leq \pm 10\%$
- 2) ESR $\leq 200\%$ of initial ESR value
- 3) Leakage Current: \leq initial specified value