



1219 4th Avenue South  
Nashville, TN 37210

**Phone:** (615) 254-3561  
**Fax:** (615) 255-7673  
**Email:** sales@richeycap.com  
**Web:** richeycap.com

# RHL6R8M450V1020B

Aluminum Electrolytic Capacitors

Miniature Type  
RHL Series

Richey P/N: RHL6R8M450V1020B

## Specifications:

Dimensions:

Case Size D x L (mm): 10 x 20

Operating Temperature Range: -40-105 °C

Rated Voltage: 450 VDC

Surge Voltage: 500 VDC

Capacitance (μF): 6.8

Leakage Current: 222.4

Maximum Ripple Current: 150 mA rms @ +105°C, 100kHz

Typical ESR (mΩ): 12.9 @ +20°C, 120Hz

Max ESR (mΩ): 39 @ +20°C, 120Hz

Load Life:

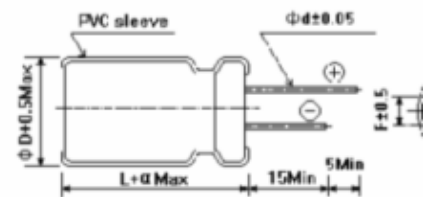
d = 10 d ≥ 12.5

10000 12000

Capacitance Change: Within +/- 30% of the initial measured value.

Dissipation Factor (tanδ): Not more than 300% of the initial specified value

Leakage Current: Not more than initial specified value



\*ROHS Compliant