



1219 4th Avenue South  
Nashville, TN 37210

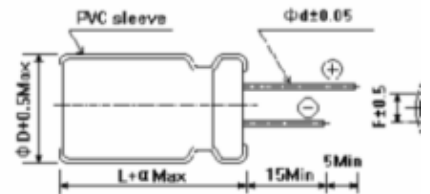
**Phone:** (615) 254-3561  
**Fax:** (615) 255-7673  
**Email:** sales@richeycap.com  
**Web:** richeycap.com

# RHL47RM450V1831B

Aluminum Electrolytic Capacitors

Miniature Type  
RHL Series

Richey P/N: RHL47RM450V1831B



## Specifications:

Dimensions:

Case Size D x L (mm): 18 x 31.5

Operating Temperature Range: -40-105 °C

Rated Voltage: 450 VDC

Surge Voltage: 500 VDC

Capacitance ( $\mu\text{F}$ ): 47

Leakage Current: 946

Maximum Ripple Current: 880 mA rms @ +105°C, 100kHz

Typical ESR (m $\Omega$ ): 1.9 @ +20°C, 120Hz

Max ESR (m $\Omega$ ): 5.6 @ +20°C, 120Hz

Load Life:

d = 10 d  $\geq$  12.5

10000 12000

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

Dissipation Factor ( $\tan\delta$ ): Not more than 300% of the initial specified value

Leakage Current: Not more than initial specified value

\*ROHS Compliant