



1219 4th Avenue South  
Nashville, TN 37210

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

# RPL101M050V1016B

Aluminum Electrolytic Capacitors

Miniature Type  
RPL Series

Richey P/N: RPL101M050V1016B



## Specifications:

Dimensions:

Case Size D x L (mm): 10 x 16

Operating Temperature Range: -55-105 °C

Rated Voltage: 50 VDC

Surge Voltage: 63 VDC

Capacitance ( $\mu\text{F}$ ): 100

Leakage Current: 100

Maximum Ripple Current: 553 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.15 @ +20°C, 100kHz

Max ESR (m $\Omega$ ): 1.327 @ +20°C, 120Hz

Load Life:

Case Size  $\leq 8$  >8

Hours 1000 2000

Capacitance Change: Within +/- 20% of the initial measured value.

Dissipation Factor ( $\tan\delta$ ): Not more than 200% of the initial specified value

Leakage Current: Not more than initial specified value

\*ROHS Compliant