



1219 4th Avenue South  
Nashville, TN 37210

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

# RPE681M100V1840B

Aluminum Electrolytic Capacitors

Miniature Type  
RPE Series

Richey P/N: RPE681M100V1840B

## Specifications:

Dimensions:

Case Size D x L (mm): 18 x 40

Operating Temperature Range: -55-105 °C

Rated Voltage: 100 VDC

Surge Voltage: 125 VDC

Capacitance (μF): 680

Leakage Current: 1360

Rated Ripple Current: 2100 mA rms @ +105°C, 100kHz

Maximum Impedance: 0.041 @ +20°C, 100kHz

Max ESR (mΩ): 0.156 @ +20°C, 120Hz

Load Life:

Case Size 5    6.3 ~ 8 10    12.5 ≥16

Load Life 2000 3000    5000 7000 8000

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

Dissipation Factor (tanδ): Not more than 200% of the initial specified value

Leakage Current: Not more than initial specified value

\*ROHS Compliant

