



1219 4th Avenue South  
Nashville, TN 37210

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

# RPG123M010V1840B

Aluminum Electrolytic Capacitors

Miniature Type  
RPG Series

Richey P/N: RPG123M010V1840B

## Specifications:

Dimensions:

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

Operating Temperature Range: -55-105 °C

Rated Voltage: 10 VDC

Surge Voltage: 13 VDC

Capacitance (μF): 12000

Leakage Current: 1200

Rated Ripple Current: 3800 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.015 @ +20°C, 100kHz

Max ESR (mΩ): 0.045 @ +20°C, 120Hz

Load Life:

Case Size  $d \leq 6.3$   $d - 8$   $d - 10$   $d - 12.5$   $d \geq 16$

Hours 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

