



1219 4th Avenue South
Nashville, TN 37210

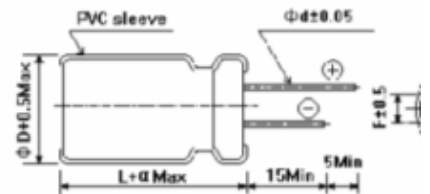
Phone: (615) 254-3561
Fax: (615) 255-7673
Email: sales@richeycap.com
Web: richeycap.com

RPG182M050V1831B

Aluminum Electrolytic Capacitors

Miniature Type
RPG Series

Richey P/N: RPG182M050V1831B



Specifications:

Dimensions:

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

Operating Temperature Range: -55-105 °C

Rated Voltage: 50 VDC

Surge Voltage: 63 VDC

Capacitance (μF): 1800

Leakage Current: 900

Rated Ripple Current: 3000 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.025 @ +20°C, 100kHz

Max ESR (m Ω): 0.074 @ +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 ($\tan\delta$): Not more than 200% of the initial specified value

Leakage Current: Not more than initial specified value

*ROHS Compliant