



1219 4th Avenue South
Nashville, TN 37210

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

RPO821M6R3V0811B

Aluminum Electrolytic Capacitors

Miniature Type
RPO Series

Richey P/N: RPO821M6R3V0811B



Specifications:

Dimensions:

Case Size D x L (mm): 8 x 11.5

Operating Temperature Range: -40-105 °C

Rated Voltage: 6.3 VDC

Surge Voltage: 7.2 VDC

Capacitance (μF): 820

Leakage Current: 51.66

Rated Ripple Current: 945 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.056 @ +20°C, 100kHz

Max ESR (m Ω): 0.356 @ +20°C, 120Hz

Load Life:

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

Hours 6000 8000 10000

Capacitance Change: Within +/- 25% of the initial measured value. (6.3V, 10V, +/-30%)

Dissipation Factor ($\tan\delta$): Not more than 200% of the initial specified value. (6.3V, 10V, 300%)

Leakage Current: Not more than initial specified value

*ROHS Compliant