



1219 4th Avenue South  
Nashville, TN 37210

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

# RPD821M025V1030B

Aluminum Electrolytic Capacitors

Miniature Type  
RPD Series

Richey P/N: RPD821M025V1030B



## Specifications:

Dimensions:

Case Size D x L (mm): 10 x 30

Operating Temperature Range: -55-105 °C

Rated Voltage: 25 VDC

Surge Voltage: 32 VDC

Capacitance ( $\mu\text{F}$ ): 820

Leakage Current: 410

Maximum Ripple Current: 1440 mA rms @ +105°C, 100kHz

Maximum Impedance: 0.045 @ +20°C, 100kHz

Max ESR (m $\Omega$ ): 0.227 @ +20°C, 120Hz

Load Life:

Case Size > d - 5~6.3 d - 8~10 d - 12.5~18  
Voltage Range v

6.3~10	4000	6000	8000
16~100	5000	7000	10000

Capacitance Change: Within +/- 25% 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



1219 4th Avenue South  
Nashville, TN 37210

**Phone:** (615) 254-3561

**Fax:** (615) 255-7673

**Email:** [sales@richeycap.com](mailto:sales@richeycap.com)

**Web:** [richeycap.com](http://richeycap.com)