



1219 4th Avenue South  
Nashville, TN 37210

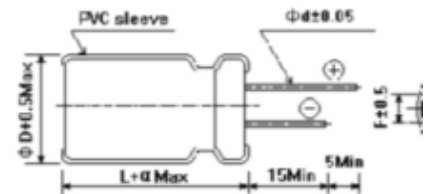
**Phone:** (615) 254-3561  
**Fax:** (615) 255-7673  
**Email:** sales@richeycap.com  
**Web:** richeycap.com

# RPO681M016V1012B

Aluminum Electrolytic Capacitors

Miniature Type  
RPO Series

Richey P/N: RPO681M016V1012B



## Specifications:

Dimensions:

Case Size D x L (mm): 10 x 12.5

Operating Temperature Range: -40-105 °C

Rated Voltage: 16 VDC

Surge Voltage: 20 VDC

Capacitance ( $\mu\text{F}$ ): 680

Leakage Current: 108.8

Rated Ripple Current: 1330 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.039 @ +20°C, 100kHz

Max ESR (m $\Omega$ ): 0.312 @ +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