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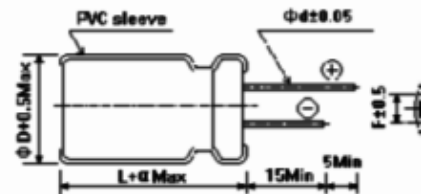
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# RPL681M6R3V0816B

Aluminum Electrolytic Capacitors

Miniature Type  
RPL Series

Richey P/N: RPL681M6R3V0816B



## Specifications:

Dimensions:

Case Size D x L (mm): 8 x 16

Operating Temperature Range: -55-105 °C

Rated Voltage: 6.3 VDC

Surge Voltage: 7.2 VDC

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

Leakage Current: 85.68

Maximum Ripple Current: 617 mA rms @ +105°C, 100kHz

Maximum Impedance: 0.13 @ +20°C, 100kHz

Max ESR (m $\Omega$ ): 0.429 @ +20°C, 120Hz

Load Life:

Case Size  $\leq 8$  >8

Hours 1000 2000

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