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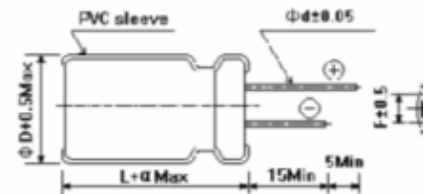
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# RPO682M010V1625B

Aluminum Electrolytic Capacitors

Miniature Type  
RPO Series

Richey P/N: RPO682M010V1625B



## Specifications:

Dimensions:

Case Size D x L (mm): 16 x 25

Operating Temperature Range: -40-105 °C

Rated Voltage: 10 VDC

Surge Voltage: 13 VDC

Capacitance ( $\mu\text{F}$ ): 6800

Leakage Current: 680

Rated Ripple Current: 3630 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.013 @ +20°C, 100kHz

Max ESR (m $\Omega$ ): 0.057 @ +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