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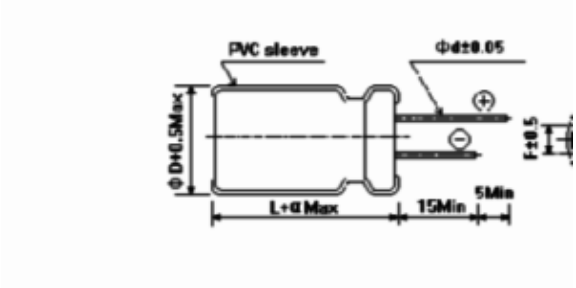
# RPL681M050V1235B

Aluminum Electrolytic Capacitors

Miniature Type
RPL Series




Richey P/N: RPL681M050V1235B

**Specifications:**

Dimensions:

Case Size D x L (mm): 12.5 x 35

Operating Temperature Range: -55-105 ºC

Rated Voltage: 50 VDC

Surge Voltage: 63 VDC

Capacitance (µF): 680

Leakage Current: 680

Maximum Ripple Current: 1470 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.046 @ +20°C, 100kHz

Max ESR (mΩ): 0.195 @ +20°C, 120Hz

Load Life:

| Case Size | ≤ 8 | >8 |
|---|---|---|
| Hours | 1000 | 2000 |

Capacitance Change: Within +/- 20% of the initial measured value.
Dissipation Factor (tanδ): Not more than 200% of the initial specified value
Leakage Current: Not more than initial specified value

*ROHS Compliant