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Nashville, TN 37210

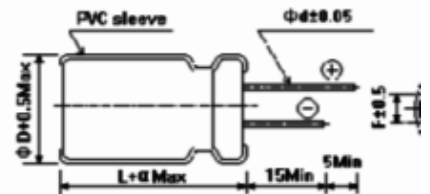
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RPL682M010V1831B

Aluminum Electrolytic Capacitors

Miniature Type
RPL Series

Richey P/N: RPL682M010V1831B



Specifications:

Dimensions:

Case Size D x L (mm): 18 x 31.5

Operating Temperature Range: -55-105 °C

Rated Voltage: 10 VDC

Surge Voltage: 13 VDC

Capacitance (μF): 6800

Leakage Current: 1360

Maximum Ripple Current: 2410 mA rms @ +105°C, 100kHz

Maximum Impedance: 0.023 @ +20°C, 100kHz

Max ESR (m Ω): 0.057 @ +20°C, 120Hz

Load Life:

Case Size ≤ 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