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# RPX682M016V1835B

Aluminum Electrolytic Capacitors

Miniature Type  
RPX Series

Richey P/N: RPX682M016V1835B

## Specifications:

Dimensions:

Case Size D x L (mm): 18 x 35.5

Operating Temperature Range: -55-105 °C

Rated Voltage: 16 VDC

Surge Voltage: 20 VDC

Capacitance (μF): 6800

Leakage Current: 2176

Rated Ripple Current: 2730 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.02 @ +20°C, 100kHz

Max ESR (mΩ): 0.051 @ +20°C, 120Hz

Load Life:

Case Size  $\leq 6.3$  8 ~ 10  $\geq 12.5$

Hours 2000 3000 5000

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

