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# RPX681M6R3V0816B

Aluminum Electrolytic Capacitors

Miniature Type  
RPX Series

Richey P/N: RPX681M6R3V0816B

## 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 (μF): 680

Leakage Current: 85.68

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

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

Max ESR (mΩ): 0.429 @ +20°C, 120Hz

Load Life:

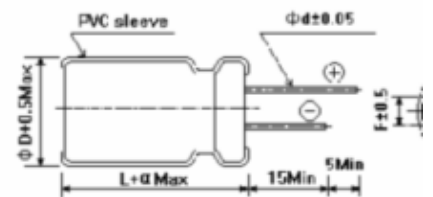
Case Size  $\leq 6.3$  8 ~ 10  $\geq 12.5$

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