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# RPH681M010V1012B

Aluminum Electrolytic Capacitors

Miniature Type  
RPH Series

Richey P/N: RPH681M010V1012B

## Specifications:

Dimensions:

Case Size D x L (mm): 10 x 12.5

Operating Temperature Range: -40-105 °C

Rated Voltage: 10 VDC

Surge Voltage: 13 VDC

Capacitance (µF): 680

Leakage Current: 68

Rated Ripple Current: 1030 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.053 @ +20°C, 100kHz

Max ESR (mΩ): 0.371 @ +20°C, 120Hz

Load Life:

Case Size d ≤ 6.3 d - 8 d - 10 d - 12.5

Hours 2000 3000 4000 5000

Capacitance Change: Within +/- 25% 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

