



1219 4th Avenue South
Nashville, TN 37210

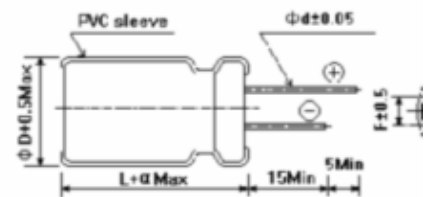
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RPH6R8M100V0511B

Aluminum Electrolytic Capacitors

Miniature Type
RPH Series

Richey P/N: RPH6R8M100V0511B



Specifications:

Dimensions:

Case Size D x L (mm): 5 x 11.5

Operating Temperature Range: -40-105 °C

Rated Voltage: 100 VDC

Surge Voltage: 125 VDC

Capacitance (μF): 6.8

Leakage Current: 6.8

Rated Ripple Current: 125 mA rms @ +105°C, 100kHz

Maximum Impedance: 1.4 @ +20°C, 100kHz

Max ESR (mΩ): 15.611 @ +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