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# RPH271M050V1020B

Aluminum Electrolytic Capacitors

Miniature Type  
RPH Series

Richey P/N: RPH271M050V1020B

## Specifications:

Dimensions:

Case Size D x L (mm): 10 x 20

Operating Temperature Range: -40-105 °C

Rated Voltage: 50 VDC

Surge Voltage: 63 VDC

Capacitance (μF): 270

Leakage Current: 135

Rated Ripple Current: 1580 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.03 @ +20°C, 100kHz

Max ESR (mΩ): 0.491 @ +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

