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# RPT271M050V1020B

Aluminum Electrolytic Capacitors

Miniature Type  
RPT Series

Richey P/N: RPT271M050V1020B

## 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

Maximum Ripple Current: 1220 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.06 @ +20°C, 100kHz

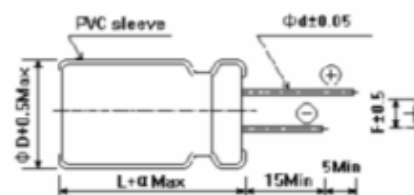
Load Life:

|                 |           |          |             |
|-----------------|-----------|----------|-------------|
| Case Size >     | d - 5~6.3 | d - 8~10 | d - 12.5~18 |
| Voltage Range v |           |          |             |
| 6.3 ~ 10        | 4000      | 6000     | 8000        |
| 16 ~ 100        | 5000      | 7000     | 10000       |

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