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# RPD152M050V1831B

Aluminum Electrolytic Capacitors

Miniature Type  
RPD Series

Richey P/N: RPD152M050V1831B



## Specifications:

Dimensions:

Case Size D x L (mm): 18 x 31.5

Operating Temperature Range: -55-105 °C

Rated Voltage: 50 VDC

Surge Voltage: 63 VDC

Capacitance (μF): 1500

Leakage Current: 1500

Maximum Ripple Current: 1970 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.026 @ +20°C, 100kHz

Max ESR (mΩ): 0.088 @ +20°C, 120Hz

Load Life:

Case Size > Voltage Range v	d - 5~6.3	d - 8~10	d - 12.5~18
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



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