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# RPD82RM050V0816B

Aluminum Electrolytic Capacitors

Miniature Type  
RPD Series

Richey P/N: RPD82RM050V0816B



## Specifications:

Dimensions:

Case Size D x L (mm): 8 x 16

Operating Temperature Range: -55-105 °C

Rated Voltage: 50 VDC

Surge Voltage: 63 VDC

Capacitance (μF): 82

Leakage Current: 82

Maximum Ripple Current: 460 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.18 @ +20°C, 100kHz

Max ESR (mΩ): 1.618 @ +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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