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# RPD272M016V1235B

Aluminum Electrolytic Capacitors

Miniature Type  
RPD Series

Richey P/N: RPD272M016V1235B



## Specifications:

Dimensions:

Case Size D x L (mm): 12.5 x 35

Operating Temperature Range: -55-105 °C

Rated Voltage: 16 VDC

Surge Voltage: 20 VDC

Capacitance ( $\mu\text{F}$ ): 2700

Leakage Current: 864

Maximum Ripple Current: 2200 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.028 @ +20°C, 100kHz

Max ESR (m $\Omega$ ): 0.088 @ +20°C, 120Hz

Load Life:

| Case Size ><br>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 ( $\tan\delta$ ): Not more than 200% of the initial specified value

Leakage Current: Not more than initial specified value



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