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# RPD681M063V1631B

Aluminum Electrolytic Capacitors

Miniature Type  
RPD Series

Richey P/N: RPD681M063V1631B



## Specifications:

Dimensions:

Case Size D x L (mm): 16 x 31.5

Operating Temperature Range: -55-105 °C

Rated Voltage: 63 VDC

Surge Voltage: 79 VDC

Capacitance (µF): 680

Leakage Current: 856.8

Maximum Ripple Current: 1890 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.042 @ +20°C, 100kHz

Max ESR (mΩ): 0.176 @ +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 (tanδ): Not more than 200% of the initial specified value

Leakage Current: Not more than initial specified value



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