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# RPE18RM050V0511B

Aluminum Electrolytic Capacitors

Miniature Type  
RPE Series

Richey P/N: RPE18RM050V0511B

## Specifications:

Dimensions:

Case Size D x L (mm): 5 x 11.5

Operating Temperature Range: -55-105 °C

Rated Voltage: 50 VDC

Surge Voltage: 63 VDC

Capacitance (μF): 18

Leakage Current: 18

Rated Ripple Current: 120 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.95 @ +20°C, 100kHz

Max ESR (mΩ): 7.372 @ +20°C, 120Hz

Load Life:

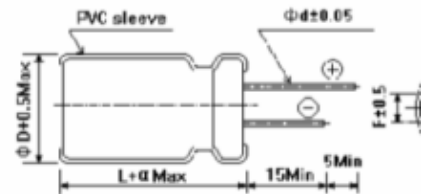
Case Size 5    6.3 ~ 8 10    12.5 ≥16

Load Life 2000 3000    5000 7000 8000

Capacitance Change: Within +/- 20% 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