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# RPK10RM500V1225B

Aluminum Electrolytic Capacitors

Miniature Type  
RPK Series

Richey P/N: RPK10RM500V1225B

## Specifications:

Dimensions:

Case Size D x L (mm): 12.5 x 25

Operating Temperature Range: -25-105 °C & -25-105 °C

Rated Voltage: 500 VDC

Surge Voltage: 550 VDC

Capacitance (μF): 10

Leakage Current: 340

Rated Ripple Current: 145 mA rms @ +105°C, 120Hz

Typical ESR (mΩ): 10.6 @ +20°C, 120Hz

Max ESR (mΩ): 26.5 @ +20°C, 120Hz

Load Life:

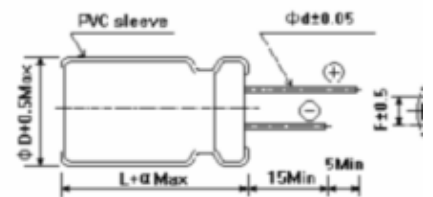
Case Size 6.3 8 10 ≥12.5

Hours 2000 3000 4000 5000

Capacitance Change: Within +/- 20% of the initial measured value.

Dissipation Factor (tanδ): Not more than 300% of the initial specified value

Leakage Current: Not more than initial specified value



\*ROHS Compliant