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# RPL271M100V1820B

Aluminum Electrolytic Capacitors

Miniature Type  
RPL Series

Richey P/N: RPL271M100V1820B



## Specifications:

Dimensions:

Case Size D x L (mm): 18 x 20

Operating Temperature Range: -55-105 °C

Rated Voltage: 100 VDC

Surge Voltage: 125 VDC

Capacitance ( $\mu\text{F}$ ): 270

Leakage Current: 540

Maximum Ripple Current: 1170 mA rms @ +105°C, 100kHz

Maximum Impedance: 0.085 @ +20°C, 100kHz

Max ESR (m $\Omega$ ): 0.393 @ +20°C, 120Hz

Load Life:

Case Size  $\leq 8$  >8

Hours 1000 2000

Capacitance Change: Within +/- 20% 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

\*ROHS Compliant