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# RPO102M080V1831B

Aluminum Electrolytic Capacitors

Miniature Type  
RPO Series

Richey P/N: RPO102M080V1831B



## Specifications:

Dimensions:

Case Size D x L (mm): 18 x 31.5

Operating Temperature Range: -40-105 °C

Rated Voltage: 80 VDC

Surge Voltage: 100 VDC

Capacitance ( $\mu\text{F}$ ): 1000

Leakage Current: 800

Rated Ripple Current: 2470 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.031 @ +20°C, 100kHz

Max ESR (m $\Omega$ ): 0.106 @ +20°C, 120Hz

Load Life:

Case Size  $d \leq 6.3$   $d - 8$   $d \geq 10$

Hours 6000 8000 10000

Capacitance Change: Within +/- 25% of the initial measured value. (6.3V, 10V, +/-30%)

Dissipation Factor ( $\tan\delta$ ): Not more than 200% of the initial specified value. (6.3V, 10V, 300%)

Leakage Current: Not more than initial specified value

\*ROHS Compliant