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# RPE103M6R3V1831B

Aluminum Electrolytic Capacitors

Miniature Type  
RPE Series

Richey P/N: RPE103M6R3V1831B



## Specifications:

Dimensions:

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

Operating Temperature Range: -55-105 °C

Rated Voltage: 6.3 VDC

Surge Voltage: 7.2 VDC

Capacitance ( $\mu\text{F}$ ): 10000

Leakage Current: 1260

Rated Ripple Current: 2410 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.023 @ +20°C, 100kHz

Max ESR (m $\Omega$ ): 0.053 @ +20°C, 120Hz

Load Life:

Case Size 5    6.3 ~ 8 10    12.5  $\geq$ 16

Load Life 2000 3000    5000 7000 8000

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