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RPO682M6R3V1235B

Aluminum Electrolytic Capacitors

Miniature Type
RPO Series

Richey P/N: RPO682M6R3V1235B



Specifications:

Dimensions:

Case Size D x L (mm): 12.5 x 35

Operating Temperature Range: -40-105 °C

Rated Voltage: 6.3 VDC

Surge Voltage: 7.2 VDC

Capacitance (μF): 6800

Leakage Current: 428.4

Rated Ripple Current: 3570 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.012 @ +20°C, 100kHz

Max ESR (m Ω): 0.062 @ +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