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RPG682M6R3V1240B

Aluminum Electrolytic Capacitors

Miniature Type
RPG Series

Richey P/N: RPG682M6R3V1240B

Specifications:

Dimensions:

Case Size D x L (mm): 12.5 x 40

Operating Temperature Range: -55-105 °C

Rated Voltage: 6.3 VDC

Surge Voltage: 7.2 VDC

Capacitance (μF): 6800

Leakage Current: 428.4

Rated Ripple Current: 2870 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.022 @ +20°C, 100kHz

Max ESR (mΩ): 0.062 @ +20°C, 120Hz

Load Life:

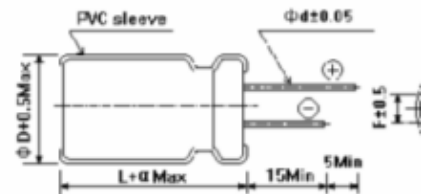
Case Size $d \leq 6.3$ $d - 8$ $d - 10$ $d - 12.5$ $d \geq 16$

Hours 2000 3000 5000 7000 8000

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

Dissipation Factor (tanδ): Not more than 200% of the initial specified value

Leakage Current: Not more than initial specified value



*ROHS Compliant