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RPG47RM016V0511B

Aluminum Electrolytic Capacitors

Miniature Type
RPG Series

Richey P/N: RPG47RM016V0511B

Specifications:

Dimensions:

Case Size D x L (mm): 5 x 11.5

Operating Temperature Range: -55-105 °C

Rated Voltage: 16 VDC

Surge Voltage: 20 VDC

Capacitance (μF): 47

Leakage Current: 7.52

Rated Ripple Current: 175 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.5 @ +20°C, 100kHz

Max ESR (mΩ): 4.517 @ +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