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RPL181M050V1020B

Aluminum Electrolytic Capacitors

Miniature Type
RPL Series

Richey P/N: RPL181M050V1020B



Specifications:

Dimensions:

Case Size D x L (mm): 10 x 20

Operating Temperature Range: -55-105 °C

Rated Voltage: 50 VDC

Surge Voltage: 63 VDC

Capacitance (μF): 180

Leakage Current: 180

Maximum Ripple Current: 676 mA rms @ +105°C, 100kHz

Maximum Impedance: 0.095 @ +20°C, 100kHz

Max ESR (m Ω): 0.737 @ +20°C, 120Hz

Load Life:

Case Size ≤ 8 >8

Hours 1000 2000

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