



1219 4th Avenue South
Nashville, TN 37210

Phone: (615) 254-3561
Fax: (615) 255-7673
Email: sales@richeycap.com
Web: richeycap.com

RPX181M050V1215B

Aluminum Electrolytic Capacitors

Miniature Type
RPX Series

Richey P/N: RPX181M050V1215B

Specifications:

Dimensions:

Case Size D x L (mm): 12.5 x 15

Operating Temperature Range: -55-105 °C

Rated Voltage: 50 VDC

Surge Voltage: 63 VDC

Capacitance (μF): 180

Leakage Current: 180

Rated Ripple Current: 745 mA rms @ +105°C, 100kHz

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

Max ESR (mΩ): 0.737 @ +20°C, 120Hz

Load Life:

Case Size ≤ 6.3 8 ~ 10 ≥ 12.5

Hours 2000 3000 5000

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

