



1219 4th Avenue South
Nashville, TN 37210

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

RPX682M010V1831B

Aluminum Electrolytic Capacitors

Miniature Type
RPX Series

Richey P/N: RPX682M010V1831B

Specifications:

Dimensions:

Case Size D x L (mm): 18 x 31.5

Operating Temperature Range: -55-105 °C

Rated Voltage: 10 VDC

Surge Voltage: 13 VDC

Capacitance (μF): 6800

Leakage Current: 1360

Rated Ripple Current: 2410 mA rms @ +105°C, 100kHz

Maximum Impedance: 0.023 @ +20°C, 100kHz

Max ESR (mΩ): 0.057 @ +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