



1219 4th Avenue South
Nashville, TN 37210

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

RPO101M080V0820B

Aluminum Electrolytic Capacitors

Miniature Type
RPO Series

Richey P/N: RPO101M080V0820B

Specifications:

Dimensions:

Case Size D x L (mm): 8 x 20

Operating Temperature Range: -40-105 °C

Rated Voltage: 80 VDC

Surge Voltage: 100 VDC

Capacitance (μF): 100

Leakage Current: 80

Rated Ripple Current: 735 mA rms @ +105°C, 100kHz

Maximum Impedance: 0.19 @ +20°C, 100kHz

Max ESR (mΩ): 1.062 @ +20°C, 120Hz

Load Life:

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

Hours 6000 8000 10000

Capacitance Change: Within +/- 25% of the initial measured value. (6.3V, 10V, +/-30%)

Dissipation Factor (tanδ): Not more than 200% of the initial specified value. (6.3V, 10V, 300%)

Leakage Current: Not more than initial specified value

*ROHS Compliant

