



1219 4th Avenue South
Nashville, TN 37210

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

RPZ682M6R3V1625B

Aluminum Electrolytic Capacitors

Miniature Type
RPZ Series

Richey P/N: RPZ682M6R3V1625B

Specifications:

Dimensions:

Case Size D x L (mm): 16 x 25

Operating Temperature Range: -40-105 °C & -25-105 °C

Rated Voltage: 6.3 VDC

Surge Voltage: 7.2 VDC

Capacitance (μF): 6800

Leakage Current: 468.4

Rated Ripple Current: 1740 mA rms @ +105°C, 100kHz

Max ESR (mΩ): 0.062 @ +20°C, 120Hz

Load Life:

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

Hours 1000 2000

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

