



1219 4th Avenue South
Nashville, TN 37210

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

RPK1R0M500V1012B

Aluminum Electrolytic Capacitors

Miniature Type
RPK Series

Richey P/N: RPK1R0M500V1012B

Specifications:

Dimensions:

Case Size D x L (mm): 10 x 12.5

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

Rated Voltage: 500 VDC

Surge Voltage: 550 VDC

Capacitance (μF): 1

Leakage Current: 70

Rated Ripple Current: 32 mA rms @ +105°C, 120Hz

Typical ESR (mΩ): 106.2 @ +20°C, 120Hz

Max ESR (mΩ): 265.4 @ +20°C, 120Hz

Load Life:

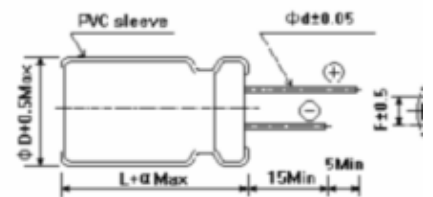
Case Size	6.3	8	10	≥12.5
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Hours	2000	3000	4000	5000
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Capacitance Change: Within +/- 20% of the initial measured value.

Dissipation Factor (tanδ): Not more than 300% of the initial specified value

Leakage Current: Not more than initial specified value



*ROHS Compliant