



1219 4th Avenue South  
Nashville, TN 37210

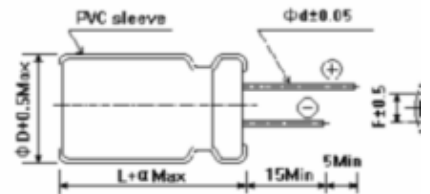
**Phone:** (615) 254-3561  
**Fax:** (615) 255-7673  
**Email:** sales@richeycap.com  
**Web:** richeycap.com

# RPK33RM500V1631B

Aluminum Electrolytic Capacitors

Miniature Type  
RPK Series

Richey P/N: RPK33RM500V1631B



## Specifications:

Dimensions:

Case Size D x L (mm): 16 x 31.5

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

Rated Voltage: 500 VDC

Surge Voltage: 550 VDC

Capacitance ( $\mu\text{F}$ ): 33

Leakage Current: 1030

Rated Ripple Current: 295 mA rms @ +105°C, 120Hz

Typical ESR (m $\Omega$ ): 3.2 @ +20°C, 120Hz

Max ESR (m $\Omega$ ): 8 @ +20°C, 120Hz

Load Life:

Case Size 6.3 8 10  $\geq 12.5$

Hours 2000 3000 4000 5000

Capacitance Change: Within +/- 20% of the initial measured value.

Dissipation Factor ( $\tan\delta$ ): Not more than 300% of the initial specified value

Leakage Current: Not more than initial specified value

\*ROHS Compliant