



1219 4th Avenue South  
Nashville, TN 37210

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

# RUW47RM450V1831B

Aluminum Electrolytic Capacitors

Miniature Type  
RUW Series

Richey P/N: RUW47RM450V1831B

## Specifications:

Dimensions:

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

Operating Temperature Range: -40-125 °C & -25-125 °C

Rated Voltage: 450 VDC

Surge Voltage: 500 VDC

Capacitance (µF): 47

Leakage Current: 704.5

Rated Ripple Current: 212 mA rms @ +125°C, 120Hz

Typical ESR (mΩ): 1.7 @ +20°C, 120Hz

Max ESR (mΩ): 4.2 @ +20°C, 120Hz

Load Life:

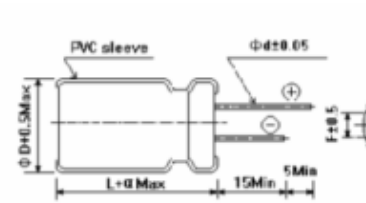
Case Size 10 12.5

Hours 4000 5000

Capacitance Change: Within +/- 25% 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



ΦD	10	12.5	16	18
F	5.0	5.0	7.5	7.5
Φd	0.6	0.6	0.8	0.8
a	2.0	2.0	2.0	2.0

\*ROHS Compliant