



1219 4th Avenue South
Nashville, TN 37210

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

RPW53RM450V1245B

Aluminum Electrolytic Capacitors

Miniature Type
RPW Series

Richey P/N: RPW53RM450V1245B

Specifications:

Dimensions:

Case Size D x L (mm): 12.5 x 45

Operating Temperature Range: -25-105 °C

Rated Voltage: 450 VDC

Surge Voltage: 500 VDC

Capacitance (μF): 53

Leakage Current: 477

Rated Ripple Current: 430 mA rms @ +105°C, 120Hz

Typical ESR (mΩ): 1.652 @ +20°C, 120Hz

Max ESR (mΩ): 3.004 @ +20°C, 120Hz

Load Life:

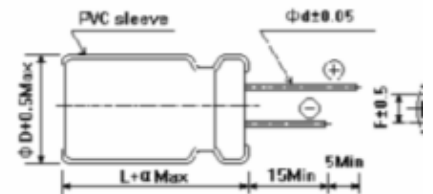
Case Size $d \leq 10$ $d > 10$

Hours 3000 5000

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

Dissipation Factor ($\tan\delta$): Not more than 200% of the initial specified value

Leakage Current: Not more than initial specified value



*ROHS Compliant