



1219 4th Avenue South  
Nashville, TN 37210

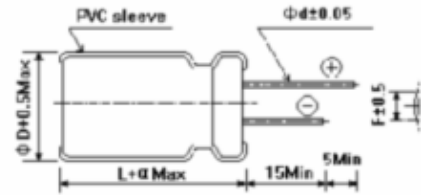
**Phone:** (615) 254-3561  
**Fax:** (615) 255-7673  
**Email:** sales@richeycap.com  
**Web:** richeycap.com

# RPD123M6R3V1640B

Aluminum Electrolytic Capacitors

Miniature Type  
RPD Series

Richey P/N: RPD123M6R3V1640B



## Specifications:

Dimensions:

Case Size D x L (mm): 16 x 40

Operating Temperature Range: -55-105 °C

Rated Voltage: 6.3 VDC

Surge Voltage: 7.2 VDC

Capacitance (μF): 12000

Leakage Current: 1512

Maximum Ripple Current: 2970 mA rms @ +105°C, 100kHz

Maximum Impedence: 0.02 @ +20°C, 100kHz

Max ESR (mΩ): 0.049 @ +20°C, 120Hz

Load Life:

Case Size > Voltage Range v	d - 5~6.3	d - 8~10	d - 12.5~18
6.3~10	4000	6000	8000
16~100	5000	7000	10000

Capacitance Change: Within +/- 25% 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



1219 4th Avenue South  
Nashville, TN 37210

**Phone:** (615) 254-3561

**Fax:** (615) 255-7673

**Email:** [sales@richeycap.com](mailto:sales@richeycap.com)

**Web:** [richeycap.com](http://richeycap.com)