



1219 4th Avenue South  
Nashville, TN 37210

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

# RPE102M010V1020B

Aluminum Electrolytic Capacitors

Miniature Type  
RPE Series

Richey P/N: RPE102M010V1020B

## Specifications:

Dimensions:

Case Size D x L (mm): 10 x 20

Operating Temperature Range: -55-105 °C

Rated Voltage: 10 VDC

Surge Voltage: 13 VDC

Capacitance (μF): 1000

Leakage Current: 200

Rated Ripple Current: 1010 mA rms @ +105°C, 100kHz

Maximum Impedance: 0.065 @ +20°C, 100kHz

Max ESR (mΩ): 0.252 @ +20°C, 120Hz

Load Life:

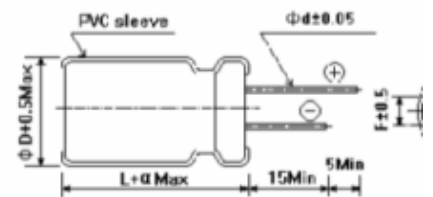
Case Size 5    6.3 ~ 8 10    12.5 ≥16

Load Life 2000 3000    5000 7000 8000

Capacitance Change: Within +/- 20% 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



\*ROHS Compliant