



1219 4th Avenue South  
Nashville, TN 37210

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

# RPE27RM050V0515B

Aluminum Electrolytic Capacitors

Miniature Type  
RPE Series

Richey P/N: RPE27RM050V0515B

## Specifications:

Dimensions:

Case Size D x L (mm): 5 x 15

Operating Temperature Range: -55-105 °C

Rated Voltage: 50 VDC

Surge Voltage: 63 VDC

Capacitance (µF): 27

Leakage Current: 27

Rated Ripple Current: 135 mA rms @ +105°C, 100kHz

Maximum Impedance: 0.55 @ +20°C, 100kHz

Max ESR (mΩ): 4.915 @ +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

