



1219 4th Avenue South  
Nashville, TN 37210

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

# RPD27RM050V0515B

Aluminum Electrolytic Capacitors

Miniature Type  
RPD Series

Richey P/N: RPD27RM050V0515B



## 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 ( $\mu\text{F}$ ): 27

Leakage Current: 27

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

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

Max ESR (m $\Omega$ ): 4.915 @ +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 ( $\tan\delta$ ): Not more than 200% of the initial specified value

Leakage Current: Not more than initial specified value



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