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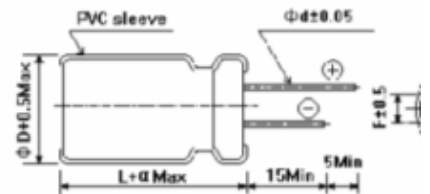
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# RPG682M6R3V1625B

Aluminum Electrolytic Capacitors

Miniature Type  
RPG Series

Richey P/N: RPG682M6R3V1625B



## Specifications:

Dimensions:

Case Size D x L (mm): 16 x 25

Operating Temperature Range: -55-105 °C

Rated Voltage: 6.3 VDC

Surge Voltage: 7.2 VDC

Capacitance ( $\mu\text{F}$ ): 6800

Leakage Current: 428.4

Rated Ripple Current: 2560 mA rms @ +105°C, 100kHz

Maximum Impedance: 0.028 @ +20°C, 100kHz

Max ESR (m $\Omega$ ): 0.062 @ +20°C, 120Hz

Load Life:

Case Size  $d \leq 6.3$   $d = 8$   $d = 10$   $d = 12.5$   $d \geq 16$

Hours 2000 3000 5000 7000 8000

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