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# RUW6R8M250V1016B

Aluminum Electrolytic Capacitors

Miniature Type  
RUW Series

Richey P/N: RUW6R8M250V1016B

## Specifications:

Dimensions:

Case Size D x L (mm): 10 x 16

Operating Temperature Range: -40-125 °C & -25-125 °C

Rated Voltage: 250 VDC

Surge Voltage: 300 VDC

Capacitance (µF): 6.8

Leakage Current: 121

Rated Ripple Current: 51 mA rms @ +125°C, 120Hz

Typical ESR (mΩ): 11.7 @ +20°C, 120Hz

Max ESR (mΩ): 23.4 @ +20°C, 120Hz

Load Life:

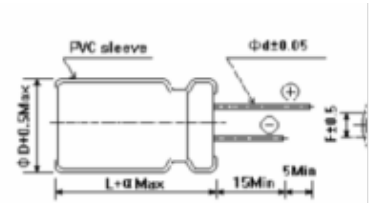
Case Size 10 12.5

Hours 4000 5000

Capacitance Change: Within +/- 25% of the initial measured value.

Dissipation Factor (tanδ): Not more than 300% of the initial specified value

Leakage Current: Not more than initial specified value



ΦD	10	12.5	16	18
F	5.0	5.0	7.5	7.5
Φd	0.6	0.6	0.8	0.8
a	2.0	2.0	2.0	2.0

\*ROHS Compliant