



1219 4th Avenue South  
Nashville, TN 37210

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

# RTH682M080V3550B

Aluminum Electrolytic Capacitors

Snap-In Type  
RTH Series

Richey P/N: RTH682M080V3550B

## Specifications:

Dimensions:

Case Size D x L (mm): 35 x 50

Operating Temperature Range: -40-105 °C & -25-105 °C

Rated Voltage: 80 VDC

Surge Voltage: 100 VDC

Capacitance (μF): 6800

Leakage Current: 5440

Rated Ripple Current: 4.19 A rms @ +105°C, 120Hz

Typical ESR (mΩ): 27 @ +20°C, 120Hz

Max ESR (mΩ): 39 @ +20°C, 120Hz

Load Life:

2000

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