


Click [here](#) for the 3D model.

**General Information**

|                          |                                |
|--------------------------|--------------------------------|
| Series                   | ALH82                          |
| Dielectric               | Aluminum Electrolytic          |
| Description              | Snap-In, Aluminum Electrolytic |
| RoHS                     | Yes                            |
| Halogen Free             | Yes                            |
| Typical Component Weight | 115 g                          |
| Shelf Life               | 156 Weeks                      |

**Dimensions**

|    |               |
|----|---------------|
| D  | 35mm +/-1mm   |
| L  | 80mm +/-2mm   |
| S  | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm  |
| F  | 2mm +/-0.1mm  |

**Packaging Specifications**

|           |      |
|-----------|------|
| Packaging | Tray |
|-----------|------|

**Specifications**

|                   |   |
|-------------------|---|
| Capacitance       | 470 uF  |
| Tolerance         | 20%   |
| Voltage DC        | 550 VDC   |
| Temperature Range | -40/+105°C  |
| Rated Temperature | 105°C   |
| Life              | 3000 Hrs (Rated Voltage And Ripple Current At 105C) |
| ESR               | 281 mOhms (100Hz 20C), 194 mOhms (10kHz 20C)        |
| Ripple Current    | 3.48 Amps (100Hz 105C), 8.51 Amps (10Hz 105C)       |
| Leakage Current   | 775 uA (5min 20°C)                                  |

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