



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

**General Information**

|                          |                                |
|--------------------------|--------------------------------|
| Series                   | ALH82                          |
| Dielectric               | Aluminum Electrolytic          |
| Style                    | Snap-In                        |
| Description              | Snap-In, Aluminum Electrolytic |
| RoHS                     | Yes                            |
| AEC-Q200                 | No                             |
| Halogen Free             | true                           |
| Typical Component Weight | 65 g                           |
| Shelf Life               | 156 Weeks                      |

**Dimensions**

|    |               |
|----|---------------|
| D  | 35mm +/-1mm   |
| L  | 40mm +/-2mm   |
| S  | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm  |
| F  | 2mm +/-0.1mm  |

**Packaging Specifications**

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

**Specifications**

|                       |   |
|-----------------------|---|
| Capacitance           | 180 uF  |
| Capacitance 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                   | 727 mOhms (100Hz 20C), 500 mOhms (10kHz 20C)        |
| Ripple Current        | 1.86 Amps (100Hz 105C), 4.85 Amps (10Hz 105C)       |
| Leakage Current       | 297 uA (5min 20°C)                                  |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.