



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

### Dimensions

|    |               |
|----|---------------|
| D  | 25mm +1mm     |
| L  | 40mm +/-2mm   |
| S  | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm  |
| F  | 2mm +/-0.1mm  |

### Packaging Specifications

|           |           |
|-----------|-----------|
| Packaging | Bulk, Bag |
|-----------|-----------|

### General Information

|                  |                                |
|------------------|--------------------------------|
| Series           | ALC40                          |
| Dielectric       | Aluminum Electrolytic          |
| Description      | Snap-In, Aluminum Electrolytic |
| RoHS             | Yes                            |
| Lead             | 2 Pin                          |
| AEC-Q200         | No                             |
| Component Weight | 35 g                           |
| Shelf Life       | 156 Weeks                      |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 82 uF  |
| Capacitance Tolerance | 20%  |
| Voltage DC            | 500 VDC, 550 VDC (Surge)   |
| Temperature Range     | -40/+105°C   |
| Rated Temperature     | 105°C  |
| Life                  | 6000 Hrs (Rated Voltage And Ripple Current At 105C), 10000 Hrs (Rated Voltage At 105C) |
| Resistance            | 2690 mOhms (100Hz 20C), 2170 mOhms (10kHz 20C)   |
| Ripple Current        | 0.97 Amps (100Hz 105C), 2.05 Amps (10kHz 105C)   |
| Leakage Current       | 123 uA (5min 20°C)   |