



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

### Dimensions

|    |               |
|----|---------------|
| D  | 40mm +1mm     |
| L  | 30mm +/-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 | 49 g                           |
| Shelf Life       | 156 Weeks                      |

### Specifications

|                       |  |
|-----------------------|--|
| Capacitance           | 5,600 uF   |
| Capacitance Tolerance | 20%  |
| Voltage DC            | 63 VDC, 72.45 VDC (Surge)  |
| Temperature Range     | -40/+105°C   |
| Rated Temperature     | 105°C  |
| Life                  | 9000 Hrs (Rated Voltage and Ripple Current at 105C), 14000 Hrs (Rated Voltage at 105C) |
| Resistance            | 102 mOhms (100Hz 20C), 90 mOhms (10kHz 20C)  |
| Ripple Current        | 3.82 Amps (100Hz 105C), 3.91 Amps (10kHz 105C)   |
| Leakage Current       | 1058 uA (5min 20°C)  |