


**General Information**

|                          |                                |
|--------------------------|--------------------------------|
| Series                   | ALC40                          |
| Dielectric               | Aluminum Electrolytic          |
| Description              | Snap-In, Aluminum Electrolytic |
| RoHS                     | Yes                            |
| Lead                     | 2 Pin                          |
| AEC-Q200                 | No                             |
| Typical Component Weight | 70 g                           |
| Shelf Life               | 156 Weeks                      |

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

**Dimensions**

|    |               |
|----|---------------|
| D  | 35mm +1mm     |
| L  | 50mm +/-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        | 400 VDC, 440 VDC (Surge)                                                               |
| Temperature Range | -40/+105°C                                                                             |
| Rated Temperature | 105°C                                                                                  |
| Life              | 8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage at 105C) |
| ESR               | 277 mOhms (100Hz 20C), 192 mOhms (10kHz 20C)                                           |
| Ripple Current    | 2.51 Amps (100Hz 105C), 4.4 Amps (10kHz 105C)                                          |
| Leakage Current   | 564 uA (5min 20°C)                                                                     |

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