



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

**Dimensions**

|    |               |
|----|---------------|
| D  | 40mm +1mm     |
| L  | 80mm +/-2mm   |
| S  | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm  |
| F  | 2mm +/-0.1mm  |

**Packaging Specifications**

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

**General Information**

|                          |                                |
|--------------------------|--------------------------------|
| Series                   | ALC40                          |
| Dielectric               | Aluminum Electrolytic          |
| Style                    | Snap-In                        |
| Description              | Snap-In, Aluminum Electrolytic |
| RoHS                     | Yes                            |
| Lead                     | 2 Pin                          |
| AEC-Q200                 | No                             |
| Typical Component Weight | 131 g                          |
| Shelf Life               | 156 Weeks                      |

**Specifications**

|                       |  |
|-----------------------|--|
| Capacitance           | 820 uF   |
| Capacitance Tolerance | 20%  |
| Voltage DC            | 450 VDC, 495 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) |
| ESR                   | 154 mOhms (100Hz 20C), 98 mOhms (10kHz 20C)  |
| Ripple Current        | 4.3 Amps (100Hz 105C), 10.04 Amps (10kHz 105C)   |
| Leakage Current       | 1107 uA (5min 20°C)  |

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