



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

Dimensions

| | |
|----|---------------|
| D | 30mm +1mm |
| L | 40mm +/-2mm |
| S | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm |
| F | 2mm +/-0.1mm |

Packaging Specifications

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|-----------|-----------|
| 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 | 45 g |
| Shelf Life | 156 Weeks |

Specifications

| | |
|-----------------------|----------------------------------------------------------------------------------------|
| Capacitance | 10,000 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 40 VDC, 46 VDC (Surge) |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 7000 Hrs (Rated Voltage And Ripple Current At 105C), 11000 Hrs (Rated Voltage At 105C) |
| Resistance | 107 mOhms (100Hz 20C), 91 mOhms (10kHz 20C) |
| Ripple Current | 2.9 Amps (100Hz 105C), 3.22 Amps (10kHz 105C) |
| Leakage Current | 1200 uA (5min 20°C) |