



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

Dimensions

| | |
|----|-----------------|
| D | 45mm +1mm |
| L | 105mm +/-2mm |
| S | 22.5mm +/-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 | 4 Pin |
| AEC-Q200 | No |
| Component Weight | 215 g |
| Shelf Life | 156 Weeks |

Specifications

| | |
|-----------------------|--|
| Capacitance | 1,000 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 500 VDC, 550 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 | 230 mOhms (100Hz 20C), 190 mOhms (10kHz 20C) |
| Ripple Current | 5.52 Amps (100Hz 105C), 10.08 Amps (10kHz 105C) |
| Leakage Current | 1500 uA (5min 20°C) |