

ALC40, Aluminum Electrolytic, 12,000 uF, 20%, 40 VDC, -40/+105°C



| 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: | 12,000 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 40 VDC, 46 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: | 88 mOhms (100Hz 20C), 79 mOhms (10kHz 20C) |
| Ripple Current: | 4.13 Amps (100Hz 105C), 4.22 Amps (10kHz 105C) |
| Leakage Current: | 1440 uA (5min 20°C) |

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