

ALC10, Aluminum Electrolytic, 82,000 uF, 20%, 40 VDC, -40/+85°C



| General Information |                                     |
|---------------------|-------------------------------------|
| Series:             | ALC10                               |
| Dielectric:         | Aluminum Electrolytic               |
| Description:        | Snap-In, Aluminum Electrolytic      |
| RoHS:               | Yes                                 |
| Lead:               | 2 Pin Short                         |
| AEC-Q200:           | No                                  |
| Component Weight:   | 170 g                               |
| Notes:              | Dimensions D And L Include Slewing. |
| Shelf Life:         | 156 Weeks                           |

| Dimensions |               |
|------------|---------------|
| D          | 40mm +1mm     |
| L          | 105mm +/-2mm  |
| S          | 10mm +/-0.1mm |
| LL         | 4mm +/-1mm    |
| F          | 2mm +/-0.1mm  |

| Packaging Specifications |           |
|--------------------------|-----------|
| Slewing:                 | Yes       |
| Packaging:               | Bulk, Bag |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 82,000 uF   |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 40 VDC, 46 VDC (Surge)  |
| Temperature Range:     | -40/+85°C   |
| Rated Temperature:     | 85°C  |
| Life:                  | 18000 Hrs (Rated Voltage And Ripple Current At 85C), 29000 Hrs (Rated Voltage at 85C) |
| Resistance:            | 18 mOhms (100Hz 20C), 17 mOhms (10kHz 20C)  |
| Ripple Current:        | 12.63 Amps (100Hz 85C), 13.44 Amps (10kHz 85C)  |
| Leakage Current:       | 6000 uA (5min 20°C)   |

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