

## ALC70A301CD450

ALC70, Aluminum, Aluminum Electrolytic, 300 uF, 20%, 450 VDC, -40/+85°C, 10 mm



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### General Information

|                          |                                     |
|--------------------------|-------------------------------------|
| Series                   | ALC70                               |
| Dielectric               | Aluminum Electrolytic               |
| Description              | Snap-In, Aluminum Electrolytic      |
| RoHS                     | Yes                                 |
| Lead                     | 2 Pin                               |
| Halogen Free             | Yes                                 |
| Typical Component Weight | 50 g                                |
| Notes                    | Dimensions D And L Include Slewing. |
| Shelf Life               | 156 Weeks                           |

### Dimensions

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

### Packaging Specifications

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

### Specifications

|                   |   |
|-------------------|---|
| Capacitance       | 300 uF  |
| Tolerance         | 20%   |
| Voltage DC        | 450 VDC, 495 VDC (Surge)  |
| Temperature Range | -40/+85°C   |
| Rated Temperature | 85°C  |
| Life              | 13000 Hrs (Rated Voltage And Ripple Current At 85C), 21000 Hrs (Rated Voltage At 85C) |
| ESR               | 463.8 mOhms (100Hz 20C), 259.5 mOhms (10kHz 20C)                                      |
| Ripple Current    | 1.786 Amps (100Hz 85C), 4.426 Amps (10kHz 85C)  |
| Leakage Current   | 810 uA (5min 20°C)  |

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