

## ALC10A681DL500

ALC10, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 500 VDC, -40/+85°C, 10 mm



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

### General Information

|                          |                                     |
|--------------------------|-------------------------------------|
| Series                   | ALC10                               |
| Dielectric               | Aluminum Electrolytic               |
| Description              | Snap-In, Aluminum Electrolytic      |
| RoHS                     | Yes                                 |
| Lead                     | 2 Pin                               |
| Typical Component Weight | 105 g                               |
| Notes                    | Dimensions D And L Include Slewing. |
| Shelf Life               | 156 Weeks                           |

### Dimensions

|    |               |
|----|---------------|
| D  | 35mm +1mm     |
| L  | 80mm +/-2mm   |
| S  | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm  |
| F  | 2mm +/-0.1mm  |

### Packaging Specifications

|           |      |
|-----------|------|
| Slewing   | Yes  |
| Packaging | Tray |

### Specifications

|                   |   |
|-------------------|---|
| Capacitance       | 680 uF  |
| Tolerance         | 20%   |
| Voltage DC        | 500 VDC, 550 VDC (Surge)  |
| Temperature Range | -40/+85°C   |
| Rated Temperature | 85°C  |
| Life              | 15000 Hrs (Rated Voltage And Ripple Current At 85C), 24000 Hrs (Rated Voltage At 85C) |
| ESR               | 244 mOhms (100Hz 20C), 178 mOhms (10kHz 20C)  |
| Ripple Current    | 3.65 Amps (100Hz 85C), 6.45 Amps (10kHz 85C)  |
| Leakage Current   | 2040 uA (5min 20°C)   |

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