

## ALC70A561EF500

ALC70, Aluminum, Aluminum Electrolytic, 560 uF, 20%, 500 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                               |
| AEC-Q200                 | No                                  |
| Halogen Free             | Yes                                 |
| Typical Component Weight | 105 g                               |
| Notes                    | Dimensions D And L Include Slewing. |
| Shelf Life               | 156 Weeks                           |

### Specifications

|                   |                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------|
| Capacitance       | 560 uF                                                                                  |
| Tolerance         | 20%                                                                                     |
| Voltage DC        | 500 VDC, 550 VDC (Surge)                                                                |
| Temperature Range | -40/+85°C                                                                               |
| Rated Temperature | 85°C                                                                                    |
| Life              | 18000 Hrs (Rated Voltage And Ripple Current At 85°C), 29000 Hrs (Rated Voltage At 85°C) |
| ESR               | 370.1 mOhms (100Hz 20°C), 263.8 mOhms (10kHz 20°C)                                      |
| Ripple Current    | 3.024 Amps (100Hz 85°C), 6.035 Amps (10kHz 85°C)                                        |
| Leakage Current   | 1680 uA (5min 20°C)                                                                     |

### Dimensions

|    |               |
|----|---------------|
| D  | 40mm +1mm     |
| L  | 50mm +/-2mm   |
| S  | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm  |
| F  | 2mm +/-0.1mm  |

### Packaging Specifications

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

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