

ALC70F102EL500

ALC70, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 500 VDC, -40/+85°C, 10 mm



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

General Information

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|--------------------------|-------------------------------------|
| Series | ALC70 |
| Dielectric | Aluminum Electrolytic |
| Description | Snap-In, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 3 Pin Short |
| Halogen Free | Yes |
| Typical Component Weight | 165 g |
| Notes | Dimensions D And L Include Slewing. |
| Shelf Life | 156 Weeks |

Dimensions

| | |
|----|---------------|
| D | 40mm +1mm |
| L | 80mm +/-2mm |
| S | 10mm +/-0.1mm |
| LL | 4mm +/-1mm |
| F | 2mm +/-0.1mm |

Packaging Specifications

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

Specifications

| | |
|-------------------|---|
| Capacitance | 1,000 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 85C), 29000 Hrs (Rated Voltage At 85C) |
| ESR | 209.2 mOhms (100Hz 20C), 149.7 mOhms (10kHz 20C) |
| Ripple Current | 4.418 Amps (100Hz 85C), 8.53 Amps (10kHz 85C) |
| Leakage Current | 3000 uA (5min 20°C) |

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