

ALC70D301CF500

ALC70, Aluminum, Aluminum Electrolytic, 300 uF, 20%, 500 VDC, -40/+85°C, 10 mm



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

| Dimensions | |
|------------|---------------|
| D | 30mm +1mm |
| L | 50mm +/-2mm |
| S | 10mm +/-0.1mm |
| LL | 4mm +/-1mm |
| F | 2mm +/-0.1mm |

| Packaging Specifications | |
|--------------------------|-----------|
| Sleeving | Yes |
| Packaging | Bulk, Bag |

| General Information | |
|--------------------------|--------------------------------------|
| Series | ALC70 |
| Dielectric | Aluminum Electrolytic |
| Description | Snap-In, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 2 Pin Short |
| Halogen Free | Yes |
| Typical Component Weight | 60 g |
| Notes | Dimensions D And L Include Sleeving. |
| Shelf Life | 156 Weeks |

| Specifications | |
|-------------------|---|
| Capacitance | 300 uF |
| Tolerance | 20% |
| Voltage DC | 500 VDC, 550 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 | 670.2 mOhms (100Hz 20C), 474.7 mOhms (10kHz 20C) |
| Ripple Current | 1.908 Amps (100Hz 85C), 4.113 Amps (10kHz 85C) |
| Leakage Current | 900 uA (5min 20°C) |

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