

KEMET Part Number: ALC70A102EL500
(A546HP102M500A)

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



Dimensions

| | |
|-----------|---------------|
| D | 40mm +1mm |
| L | 80mm +/-2mm |
| S | 10mm +/-0.1mm |
| LL | 6.3mm +/-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 |
| AEC-Q200: | No |
| Halogen Free: | Yes |
| Component Weight: | 165 g |
| Notes: | Dimensions D And L Include Sleeving. |
| Shelf Life: | 156 Weeks |

Specifications

| | |
|-------------------------------|---|
| Capacitance: | 1,000 uF |
| Capacitance 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) |
| Resistance: | 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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