

## ALC10C102EL450

ALC10, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 450 VDC, -40/+85°C, 22.5 mm



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### General Information

|                          |                                     |
|--------------------------|-------------------------------------|
| Series                   | ALC10                               |
| Dielectric               | Aluminum Electrolytic               |
| Description              | Snap-In, Aluminum Electrolytic      |
| RoHS                     | Yes                                 |
| Lead                     | 4 Pin                               |
| Typical Component Weight | 117 g                               |
| Notes                    | Dimensions D And L Include Slewing. |
| Shelf Life               | 156 Weeks                           |

| Dimensions |                 |
|------------|-----------------|
| D          | 40mm +1mm       |
| L          | 80mm +/-2mm     |
| S          | 22.5mm +/-0.1mm |
| LL         | 6.3mm +/-1mm    |
| F          | 2mm +/-0.1mm    |

  

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

| Specifications    |   |
|-------------------|---|
| Capacitance       | 1,000 uF  |
| Tolerance         | 20%   |
| Voltage DC        | 450 VDC, 495 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               | 114 mOhms (100Hz 20C), 75 mOhms (10kHz 20C)   |
| Ripple Current    | 4.95 Amps (100Hz 85C), 9.32 Amps (10kHz 85C)  |
| Leakage Current   | 2700 uA (5min 20°C)   |

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