

## ALC70E183EF063

ALC70, Aluminum, Aluminum Electrolytic, 18,000 uF, 20%, 63 VDC, -40/+85°C, 22.5 mm



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### General Information

|                          |                                     |
|--------------------------|-------------------------------------|
| Series                   | ALC70                               |
| Dielectric               | Aluminum Electrolytic               |
| Description              | Snap-In, Aluminum Electrolytic      |
| RoHS                     | Yes                                 |
| Lead                     | 4 Pin Short                         |
| Halogen Free             | Yes                                 |
| Typical Component Weight | 105 g                               |
| Notes                    | Dimensions D And L Include Slewing. |
| Shelf Life               | 156 Weeks                           |

### Dimensions

|    |                 |
|----|-----------------|
| D  | 40mm +1mm       |
| L  | 50mm +/-2mm     |
| S  | 22.5mm +/-0.1mm |
| LL | 4mm +/-1mm      |
| F  | 2mm +/-0.1mm    |

### Packaging Specifications

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

### Specifications

|                   |   |
|-------------------|---|
| Capacitance       | 18,000 uF   |
| Tolerance         | 20%   |
| Voltage DC        | 63 VDC, 72.5 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               | 29.02 mOhms (100Hz 20C), 23.66 mOhms (10kHz 20C)                                      |
| Ripple Current    | 8.667 Amps (100Hz 85C), 10.35 Amps (10kHz 85C)  |
| Leakage Current   | 6000 uA (5min 20°C)   |

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