

## ALC70A181BD450

Aliases (A546CF181M450A)

ALC70, Aluminum Electrolytic, 180 uF, 20%, 450 VDC, -40/+85°C



### 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 | 35 g                                  |
| Notes            | Dimensions D And L Include Sleevings. |
| Shelf Life       | 156 Weeks                             |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 180 uF  |
| Capacitance Tolerance | 20%   |
| Voltage DC            | 450 VDC, 495 VDC (Surge)  |
| Temperature Range     | -40/+85°C   |
| Rated Temperature     | 85°C  |
| Life                  | 10000 Hrs (Rated Voltage And Ripple Current At 85C), 16000 Hrs (Rated Voltage at 85C) |
| Resistance            | 777.7 mOhms (100Hz 20C), 436.7 mOhms (10kHz 20C)                                      |
| Ripple Current        | 1.219 Amps (100Hz 85C), 2.945 Amps (10kHz 85C)  |
| Leakage Current       | 486 uA (5min 20°C)  |

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

### Dimensions

|    |               |
|----|---------------|
| D  | 25mm +1mm     |
| L  | 40mm +/-2mm   |
| S  | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm  |
| F  | 2mm +/-0.1mm  |

### Packaging Specifications

|           |           |
|-----------|-----------|
| Sleevings | Yes       |
| Packaging | Bulk, Bag |

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