

## ALC70D362EB100

Aliases (A546HD362M100D)

ALC70, Aluminum Electrolytic, 3,600 uF, 20%, 100 VDC, -40/+85°C



### General Information

|                  |                                       |
|------------------|---------------------------------------|
| Series           | ALC70                                 |
| Dielectric       | Aluminum Electrolytic                 |
| Description      | Snap-In, Aluminum Electrolytic        |
| RoHS             | Yes                                   |
| Lead             | 2 Pin Short                           |
| AEC-Q200         | No                                    |
| Halogen Free     | Yes                                   |
| Component Weight | 55 g                                  |
| Notes            | Dimensions D And L Include Sleevings. |
| Shelf Life       | 156 Weeks                             |

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

### Dimensions

|    |               |
|----|---------------|
| D  | 40mm +1mm     |
| L  | 30mm +/-2mm   |
| S  | 10mm +/-0.1mm |
| LL | 4mm +/-1mm    |
| F  | 2mm +/-0.1mm  |

### Packaging Specifications

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

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 3,600 uF  |
| Capacitance Tolerance | 20%   |
| Voltage DC            | 100 VDC, 115 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            | 88.67 mOhms (100Hz 20C), 73.05 mOhms (10kHz 20C)                                      |
| Ripple Current        | 4.68 Amps (100Hz 85C), 5.73 Amps (10kHz 85C)  |
| Leakage Current       | 2160 uA (5min 20°C)   |

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