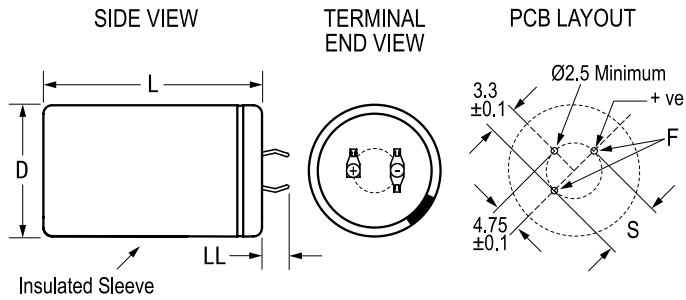


## ALC70F561DF450

ALC70, Aluminum, Aluminum Electrolytic, 560 uF, 20%, 450 VDC, -40/+85°C, 10 mm



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

### General Information

|                          |                                     |
|--------------------------|-------------------------------------|
| Series                   | ALC70                               |
| Dielectric               | Aluminum Electrolytic               |
| Description              | Snap-In, Aluminum Electrolytic      |
| RoHS                     | Yes                                 |
| Lead                     | 3 Pin Short                         |
| AEC-Q200                 | No                                  |
| Halogen Free             | Yes                                 |
| Typical Component Weight | 80 g                                |
| Notes                    | Dimensions D And L Include Slewing. |
| Shelf Life               | 156 Weeks                           |

### Specifications

|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| Capacitance       | 560 uF                                                                                |
| Tolerance         | 20%                                                                                   |
| Voltage DC        | 450 VDC, 495 VDC (Surge)                                                              |
| Temperature Range | -40/+85°C                                                                             |
| Rated Temperature | 85°C                                                                                  |
| Life              | 15000 Hrs (Rated Voltage And Ripple Current At 85C), 24000 Hrs (Rated Voltage At 85C) |
| ESR               | 253 mOhms (100Hz 20C), 143.1 mOhms (10kHz 20C)                                        |
| Ripple Current    | 2.799 Amps (100Hz 85C), 6.452 Amps (10kHz 85C)                                        |
| Leakage Current   | 1512 uA (5min 20°C)                                                                   |

### Dimensions

|    |               |
|----|---------------|
| D  | 35mm +1mm     |
| L  | 50mm +/-2mm   |
| S  | 10mm +/-0.1mm |
| LL | 4mm +/-1mm    |
| F  | 2mm +/-0.1mm  |

### Packaging Specifications

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

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