

## ALC80E561EF450

Aliases (A547HH561M450E)

ALC80, Aluminum Electrolytic, 560 uF, 20%, 450 VDC, -40/+105°C



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

### Dimensions

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

### Packaging Specifications

|           |           |
|-----------|-----------|
| Sleeving  | Yes       |
| Packaging | Bulk, Bag |

### General Information

|                  |                                      |
|------------------|--------------------------------------|
| Series           | ALC80                                |
| Dielectric       | Aluminum Electrolytic                |
| Description      | Snap-In, Aluminum Electrolytic       |
| RoHS             | Yes                                  |
| Lead             | 4 Pin Short                          |
| AEC-Q200         | No                                   |
| Halogen Free     | Yes                                  |
| Component Weight | 105 g                                |
| Notes            | Dimensions D And L Include Sleeving. |
| Shelf Life       | 156 Weeks                            |

### Specifications

|                       |                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------|
| Capacitance           | 560 uF                                                                                 |
| Capacitance Tolerance | 20%                                                                                    |
| Voltage DC            | 450 VDC, 495 VDC (Surge)                                                               |
| Temperature Range     | -40/+105°C                                                                             |
| Rated Temperature     | 105°C                                                                                  |
| Life                  | 9000 Hrs (Rated Voltage and Ripple Current at 105C), 14000 Hrs (Rated Voltage at 105C) |
| Resistance            | 240 mOhms (100Hz 20C), 139.7 mOhms (10kHz 20C)                                         |
| Ripple Current        | 3.2 Amps (100Hz 105C), 7.969 Amps (10kHz 105C)                                         |
| Leakage Current       | 756 uA (5min 20°C)                                                                     |

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