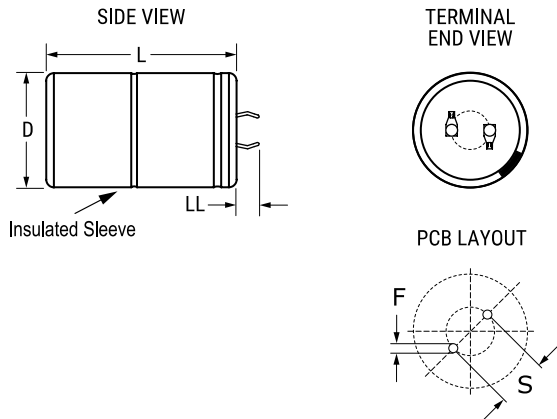


## ALA8DA361DC450

ALA8D, Aluminum, Aluminum Electrolytic, 360 uF, 20%, 450 VDC, -40/+105°C, 10 mm



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

### General Information

|                          |                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Series                   | ALA8D                                                                                                                                                                                 |
| Dielectric               | Aluminum Electrolytic                                                                                                                                                                 |
| Description              | Snap-In, Aluminum Electrolytic                                                                                                                                                        |
| RoHS                     | Yes                                                                                                                                                                                   |
| Lead                     | 2 Pin                                                                                                                                                                                 |
| Qualifications           | AEC-Q200                                                                                                                                                                              |
| AEC-Q200                 | Yes                                                                                                                                                                                   |
| Halogen Free             | Yes                                                                                                                                                                                   |
| Typical Component Weight | 60 g                                                                                                                                                                                  |
| Miscellaneous            | Vibration: <= 35mm 1.5mm displacement amplitude or 20G maximum acceleration. Vibration applied for three directions of 4-hour sessions at 10 – 2,000 Hz. (Capacitor clamped by body.) |
| Shelf Life               | 156 Weeks                                                                                                                                                                             |

### Dimensions

|    |               |
|----|---------------|
| D  | 35mm +1mm     |
| L  | 35mm +/-2mm   |
| S  | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm  |
| F  | 2mm +/-0.1mm  |

### Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 100  |

### Specifications

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Capacitance       | 360 uF                                                                                 |
| Tolerance         | 20%                                                                                    |
| Voltage DC        | 450 VDC, 495 VDC (Surge)                                                               |
| Temperature Range | -40/+105°C                                                                             |
| Rated Temperature | 105°C                                                                                  |
| Life              | 8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage at 105C) |
| ESR               | 386 mOhms (100Hz 20C), 228 mOhms (10kHz 20C)                                           |
| Ripple Current    | 2.18 Amps (100Hz 105C), 5.43 Amps (10kHz 105C)                                         |
| Leakage Current   | 486 uA (5min 20°C)                                                                     |

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