

## ALS70H511DB450

ALS70, Aluminum, Aluminum Electrolytic, 510 uF, 20%, 450 VDC, -40/+85°C, 12.8 mm



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

### General Information

|                          |   |
|--------------------------|---|
| Series                   | ALS70   |
| Dielectric               | Aluminum Electrolytic   |
| Description              | Screw Terminal, Aluminum Electrolytic   |
| RoHS                     | Yes   |
| Lead                     | Threaded Inserts - 10-32 UNF class 2B   |
| Mounting                 | Through-Hole  |
| Halogen Free             | Yes   |
| Typical Component Weight | 90 g  |
| Notes                    | Dimensions D And L Include Sleeving. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736 |
| Shelf Life               | 156 Weeks   |

### Dimensions

|    |                      |
|----|----------------------|
| D  | 36mm +/-1mm          |
| L  | 62mm +/-2mm          |
| T  | 7.1mm +/-0.5mm       |
| S  | 12.8mm +/-0.5mm      |
| DT | 8mm +/-0.5mm         |
| LT | Available On Request |
| TD | 10mm MIN             |
| V  | 8mm NOM              |

### Packaging Specifications

|           |      |
|-----------|------|
| Sleeving  | Yes  |
| Packaging | Tray |

### Specifications

|                   |   |
|-------------------|---|
| Capacitance       | 510 uF  |
| Tolerance         | 20%   |
| Voltage DC        | 450 VDC, 495 VDC (Surge)  |
| Temperature Range | -40/+85°C   |
| Rated Temperature | 85°C  |
| Life              | 11000 Hrs (Rated Voltage And Ripple Current At 85C), 22000 Hrs (Rated Voltage At 85C) |
| ESR               | 337 mOhms (100Hz 20C), 212 mOhms (10kHz 20C)  |
| Ripple Current    | 3.2 Amps (100Hz 85C), 6.9 Amps (10kHz 85C)  |
| Leakage Current   | 1377 uA   |

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