

## ALS30A471DF450

ALS30, Aluminum, Aluminum Electrolytic, 470 uF, 20%, 450 VDC, -40/+85°C, 12.8 mm



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

### General Information

|                          |  |
|--------------------------|--|
| Series                   | ALS30  |
| Dielectric               | Aluminum Electrolytic  |
| Description              | Screw Terminal, Aluminum Electrolytic  |
| RoHS                     | Yes  |
| Lead                     | Screw Terminals M5   |
| Mounting                 | Through-Hole   |
| Typical Component Weight | 140 g  |
| Notes                    | Dimensions D And L Include Slewing. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736 |
| Shelf Life               | 156 Weeks  |

### Dimensions

|    |                 |
|----|-----------------|
| D  | 36mm +/-1mm     |
| L  | 105mm +/-2mm    |
| T  | 7.1mm +/-0.5mm  |
| S  | 12.8mm +/-0.5mm |
| DT | 8mm +/-0.5mm    |
| LT | 111.5mm +/-1mm  |
| TD | 10mm MIN        |
| V  | 8mm NOM         |

### Packaging Specifications

|           |           |
|-----------|-----------|
| Slewing   | Yes       |
| Packaging | Bulk, Box |

### Specifications

|                   |   |
|-------------------|---|
| Capacitance       | 470 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               | 235 mOhms (100Hz 20C), 155 mOhms (10kHz 20C)  |
| Ripple Current    | 4 Amps (100Hz 85C), 8.4 Amps (10kHz 85C)  |
| Leakage Current   | 1269 uA (5min 20°C)   |

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