

## ALS81H133QT450

ALS81, Aluminum, Aluminum Electrolytic, 13,000 uF, 20%, 450 VDC, -40/+105°C, 31.8 mm



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

### General Information

|                          |   |
|--------------------------|---|
| Series                   | ALS81   |
| Dielectric               | Aluminum Electrolytic   |
| Description              | Screw Terminal, Aluminum Electrolytic   |
| RoHS                     | Yes   |
| Lead                     | Threaded Inserts - 10-32 UNF class 2B   |
| Mounting                 | Through-Hole  |
| Optional Mounting        | Stud  |
| Halogen Free             | Yes   |
| Typical Component Weight | 2,000 g   |
| Notes                    | Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V90N |
| Shelf Life               | 156 Weeks   |

### Dimensions

|    |                      |
|----|----------------------|
| D  | 90mm +/-1mm          |
| L  | 220mm +/-2mm         |
| T  | 7.1mm +/-0.5mm       |
| S  | 31.8mm +/-0.5mm      |
| DT | 8mm +/-0.5mm         |
| LT | Available On Request |
| TD | 10mm MIN             |
| V  | 25mm NOM             |

### Packaging Specifications

|           |      |
|-----------|------|
| Slewing   | Yes  |
| Packaging | Tray |

### Specifications

|                   |  |
|-------------------|--|
| Capacitance       | 13,000 uF  |
| 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), 15000 Hrs (Rated Voltage At 105C) |
| ESR               | 16 mOhms (100Hz 20C), 11 mOhms (10kHz 20C)   |
| Ripple Current    | 23.3 Amps (100Hz 105C), 32.3 Amps (10 kHz 105C)  |
| Leakage Current   | 6000 uA  |

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