

## ALS71A163QT450

ALS71, Aluminum, Aluminum Electrolytic, 16,000 uF, 20%, 450 VDC, -40/+85°C, 31.8 mm



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

### General Information

|                          |   |
|--------------------------|---|
| Series                   | ALS71   |
| Dielectric               | Aluminum Electrolytic   |
| Description              | Screw Terminal, Aluminum Electrolytic   |
| RoHS                     | Yes   |
| Lead                     | Oval Threaded Inserts M5  |
| Mounting                 | Through-Hole  |
| Optional Mounting        | Stud  |
| AEC-Q200                 | No  |
| 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   |

### Specifications

|                   |   |
|-------------------|---|
| Capacitance       | 16,000 uF   |
| Tolerance         | 20%   |
| Voltage DC        | 450 VDC, 495 VDC (Surge)  |
| Temperature Range | -40/+85°C   |
| Rated Temperature | 85°C  |
| Life              | 20000 Hrs (Rated Voltage And Ripple Current At 85C), 40000 Hrs (Rated Voltage at 85C) |
| ESR               | 16 mOhms (100Hz 20C), 12 mOhms (10kHz 20C)  |
| Ripple Current    | 27.4 Amps (100Hz 85C), 36.8 Amps (10kHz 85C)  |
| Leakage Current   | 6000 uA   |

### Dimensions

|    |                 |
|----|-----------------|
| D  | 90mm +/-1mm     |
| L  | 220mm +/-2mm    |
| T  | 5.5mm +/-0.5mm  |
| S  | 31.8mm +/-0.5mm |
| DT | 13mm +/-0.5mm   |
| LT | 223.5mm +/-1mm  |
| TD | 10mm MIN        |
| V  | 25mm NOM        |
| Z  | 10mm NOM        |

### Packaging Specifications

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

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