

## ALS81H512LM350

ALS81, Aluminum, Aluminum Electrolytic, 5,100 uF, 20%, 350 VDC, -40/+105°C, 28.5 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 | 600 g  |
| Notes                    | Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V8 |
| Shelf Life               | 156 Weeks  |

### Dimensions

|    |                      |
|----|----------------------|
| D  | 63.5mm +/-1mm        |
| L  | 131mm +/-2mm         |
| T  | 7.1mm +/-0.5mm       |
| S  | 28.5mm +/-0.5mm      |
| DT | 8mm +/-0.5mm         |
| LT | Available On Request |
| TD | 10mm MIN             |
| V  | 15.8mm NOM           |

### Packaging Specifications

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

### Specifications

|                   |  |
|-------------------|--|
| Capacitance       | 5,100 uF   |
| Tolerance         | 20%  |
| Voltage DC        | 350 VDC, 385 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               | 36 mOhms (100Hz 20C), 22 mOhms (10kHz 20C)   |
| Ripple Current    | 12.3 Amps (100Hz 105C), 20.6 Amps (10 kHz 105C)  |
| Leakage Current   | 5355 uA  |

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