

## ALS81H162KF500

ALS81, Aluminum, Aluminum Electrolytic, 1,600 uF, 20%, 500 VDC, -40/+105°C, 22.2 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 | 300 g   |
| Notes                    | Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V4/2737 |
| Shelf Life               | 156 Weeks   |

### Dimensions

|    |                      |
|----|----------------------|
| D  | 51mm +/-1mm          |
| L  | 105mm +/-2mm         |
| T  | 7.1mm +/-0.5mm       |
| S  | 22.2mm +/-0.5mm      |
| DT | 8mm +/-0.5mm         |
| LT | Available On Request |
| TD | 10mm MIN             |
| V  | 13.7mm NOM           |

### Packaging Specifications

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

### Specifications

|                   |  |
|-------------------|--|
| Capacitance       | 1,600 uF   |
| Tolerance         | 20%  |
| Voltage DC        | 500 VDC, 550 VDC (Surge)   |
| Temperature Range | -40/+105°C   |
| Rated Temperature | 105°C  |
| Life              | 7000 Hrs (Rated Voltage And Ripple Current At 105C), 11000 Hrs (Rated Voltage at 105C) |
| ESR               | 142 mOhms (100Hz 20C), 106 mOhms (10kHz 20C)   |
| Ripple Current    | 6.8 Amps (100Hz 105C), 12.8 Amps (10 kHz 105C)   |
| Leakage Current   | 2400 uA  |

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