

ALS80H272LM500

ALS80, Aluminum, Aluminum Electrolytic, 2,700 uF, 20%, 500 VDC, -40/+105°C, 28.5 mm



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

General Information

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|--------------------------|--|
| Series | ALS80 |
| Dielectric | Aluminum Electrolytic |
| Description | Screw Terminal, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | Threaded Inserts - 10-32 UNF class 2B |
| Mounting | Through-Hole |
| 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

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|----|----------------------|
| 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

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

Specifications

| | |
|-------------------|--|
| Capacitance | 2,700 uF |
| Tolerance | 20% |
| Voltage DC | 500 VDC, 550 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 | 80 mOhms (100Hz 20C), 60 mOhms (10kHz 20C) |
| Ripple Current | 10.5 Amps (100Hz 105C), 18.8 Amps (10 kHz 105C) |
| Leakage Current | 4050 uA |

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