

ALS81C113QT500

ALS81, Aluminum, Aluminum Electrolytic, 11,000 uF, 20%, 500 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 | Screw Terminals M6 |
| 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 | 5.5mm +/-0.5mm |
| S | 31.8mm +/-0.5mm |
| DT | 13mm +/-0.5mm |
| LT | Available On Request |
| TD | 10mm MIN |
| V | 25mm NOM |

Packaging Specifications

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

Specifications

| | |
|-------------------|--|
| Capacitance | 11,000 uF |
| Tolerance | 20% |
| Voltage DC | 500 VDC, 550 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 | 23 mOhms (100Hz 20C), 18 mOhms (10kHz 20C) |
| Ripple Current | 22.4 Amps (100Hz 105C), 31.4 Amps (10 kHz 105C) |
| Leakage Current | 6000 uA |

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