

ALS70H123QS500

ALS70, Aluminum, Aluminum Electrolytic, 12,000 uF, 20%, 500 VDC, -40/+85°C, 31.8 mm



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

General Information

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|--------------------------|--|
| Series | ALS70 |
| 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 | 1,800 g |
| Notes | Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V90N |
| Shelf Life | 156 Weeks |

Dimensions

| | |
|----|----------------------|
| D | 90mm +/-1mm |
| L | 194mm +/-2mm |
| T | 7.1mm +/-0.5mm |
| S | 31.8mm +/-0.5mm |
| DT | 8mm +/-0.5mm |
| LT | Available On Request |
| TD | 10mm MIN |
| V | 25mm NOM |

Packaging Specifications

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

Specifications

| | |
|-------------------|---|
| Capacitance | 12,000 uF |
| Tolerance | 20% |
| Voltage DC | 500 VDC, 550 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 | 25 mOhms (100Hz 20C), 19 mOhms (10kHz 20C) |
| Ripple Current | 25.4 Amps (100Hz 85C), 34.6 Amps (10kHz 85C) |
| Leakage Current | 6000 uA |

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