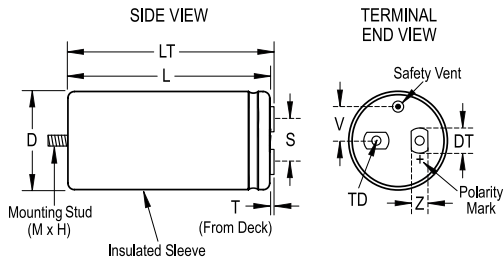


KEMET Part Number: ALS71A123QS500
(A490UV123M500A)

ALS71, Aluminum Electrolytic, 12,000 uF, 20%, 500 VDC, -40/+85°C



| Dimensions | |
|------------|-----------------|
| D | 90mm +/-1mm |
| L | 194mm +/-2mm |
| T | 5.5mm +/-0.5mm |
| S | 31.8mm +/-0.5mm |
| DT | 13mm +/-0.5mm |
| LT | 198mm +/-1mm |
| TD | 10mm MIN |
| V | 25mm NOM |
| Z | 10mm NOM |

| Packaging Specifications | |
|--------------------------|------|
| Sleeving: | Yes |
| Packaging: | Tray |

| General Information | |
|---------------------|--|
| Series: | ALS71 |
| Dielectric: | Aluminum Electrolytic |
| Description: | Screw Terminal, Aluminum Electrolytic |
| RoHS: | Yes |
| Mounting: | Stud |
| AEC-Q200: | No |
| Halogen Free: | Yes |
| Component Weight: | 1.8 kg |
| Notes: | Dimensions D And L Include Sleeving. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V90N |
| Shelf Life: | 156 Weeks |

| Specifications | |
|------------------------|---|
| Capacitance: | 12,000 uF |
| Capacitance 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) |
| Resistance: | 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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