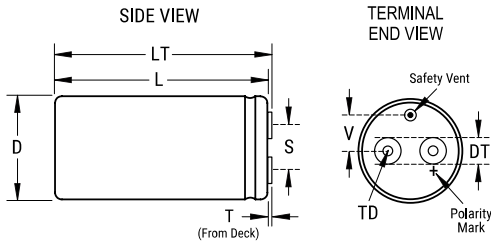


KEMET Part Number: ALS70A511DB450
(A390FD511M450A)

ALS70, Aluminum Electrolytic, 510 uF, 20%, 450 VDC, -40/+85°C



| General Information | |
|---------------------|--|
| Supplier: | KEMET |
| Series: | ALS70 |
| Dielectric: | Aluminum Electrolytic |
| Description: | Screw Terminal, Aluminum Electrolytic |
| RoHS: | Yes |
| AEC-Q200: | No |
| Notes: | Dimensions D And L Include Sleeving. MS (MxH) = M8x12. Mounting Clip (Sold Separately): V3/H2/2736 |

| Dimensions | |
|------------|-----------------|
| D | 36mm +/-1mm |
| L | 62mm +/-2mm |
| T | 7.14mm +/-0.5mm |
| S | 12.8mm +/-0.5mm |
| DT | 8mm +/-0.5mm |
| LT | 67.5mm +/-1mm |
| TD | 10mm MIN |
| V | 8mm NOM |

| Specifications | |
|-------------------------------|---|
| Capacitance: | 510 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 450 VDC, 495 VDC (Surge) |
| Temperature Range: | -40/+85°C |
| Rated Temperature: | 85°C |
| Life: | 11000 Hrs (Rated Voltage And Ripple Current At 85C), 22000 Hrs (Rated Voltage At 85C) |
| Resistance: | 337 mOhms (100Hz 20C), 212 mOhms (10kHz 20C) |
| Ripple Current: | 3.2 Amps (100Hz 85C), 6.9 Amps (10 kHz 85C) |
| Leakage Current: | 1377 uA |

| Packaging Specifications | |
|--------------------------|------|
| Weight: | 90 g |
| Sleeving: | Yes |
| Packaging: | Tray |

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