

KEMET Part Number: ALS30A471KE500
(A331LH471M500A)

ALS30, Aluminum Electrolytic, 85C, 470 uF, 20%, 500 VDC, -40/+85C



General Information

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|---------------------|---|
| Supplier: | KEMET |
| Series: | ALS30 |
| Dielectric: | Aluminum Electrolytic |
| Description: | Screw Terminal, Aluminum Electrolytic |
| RoHS: | Yes |
| Notes: | Dimensions D And L Include Slewing. MS (MxH) = M12x16 |
| Shelf Life: | 156 Weeks |

Dimensions

| | |
|-----------|-----------------|
| D | 51mm +/-1mm |
| L | 82mm +/-2mm |
| T | 5.5mm +/-0.5mm |
| S | 22.2mm +/-0.5mm |
| DT | 13mm +/-0.5mm |
| LT | 86.5mm +/-1mm |
| TD | 10mm MIN |
| V | 13.7mm NOM |
| Z | 10mm NOM |

Specifications

| | |
|-------------------------------|---|
| Capacitance: | 470 uF |
| Capacitance Tolerance: | 20% |
| Voltage DC: | 500 VDC |
| Temperature Range: | -40/+85C |
| Rated Temperature: | 85C |
| Life: | 18000 Hrs (Rated Voltage And Ripple Current At 85C), 36000 Hrs (Rated Voltage At 85C) |
| Resistance: | 365 mOhms (100Hz 20C), 194 mOhms (10kHz 20C) |
| Ripple Current: | 4.4 Amps (100Hz 85C), 7.5 Amps (10kHz 85C) |
| Leakage Current: | 1410 uA (5min 20C) |

Packaging Specifications

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|-------------------|-----------|
| Weight: | 220 g |
| Slewing: | Yes |
| Packaging: | Bulk, Box |