

ALS30, Aluminum Electrolytic, 85C, 2200 uF, 20%, 500 V, -40/+85C



| General Information |   |
|---------------------|---|
| <b>Supplier:</b>    | KEMET   |
| <b>Series:</b>      | ALS30   |
| <b>Dielectric:</b>  | Aluminum Electrolytic                                 |
| <b>Description:</b> | Screw Terminal, Aluminum Electrolytic                 |
| <b>RoHS:</b>        | Yes   |
| <b>Notes:</b>       | Dimensions D And L Include Slewing. MS (MxH) = M12x16 |

| Dimensions |                 |
|------------|-----------------|
| <b>D</b>   | 77mm +/-1mm     |
| <b>L</b>   | 146mm +/-2mm    |
| <b>T</b>   | 5.5mm +/-0.5mm  |
| <b>S</b>   | 31.8mm +/-0.5mm |
| <b>DT</b>  | 13mm +/-0.5mm   |
| <b>LT</b>  | 150.5mm +/-1mm  |
| <b>TD</b>  | 10mm MIN        |
| <b>V</b>   | 19mm NOM        |
| <b>Z</b>   | 10mm NOM        |

| Specifications                |   |
|-------------------------------|---|
| <b>Capacitance:</b>           | 2200 uF   |
| <b>Capacitance Tolerance:</b> | 20%   |
| <b>Voltage DC:</b>            | 500 VDC   |
| <b>Temperature Range:</b>     | -40/+85C  |
| <b>Rated Temperature:</b>     | 85C   |
| <b>Life:</b>                  | 20000 Hrs (Rated Voltage And Ripple Current At 85C), 40000 Hrs (Rated Voltage At 85C) |
| <b>Resistance:</b>            | 80 mOhms (100Hz 20C), 44 mOhms (10kHz 20C)  |
| <b>Current:</b>               | 14.3 Amps (100Hz 85C), 21.8 Amps (10kHz 85C)  |
| <b>Leakage Current:</b>       | 6000 uA (5min 20C)  |

| Packaging Specifications |           |
|--------------------------|-----------|
| <b>Weight:</b>           | 960 g     |
| <b>Slewing:</b>          | Yes       |
| <b>Packaging:</b>        | Bulk, Box |

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