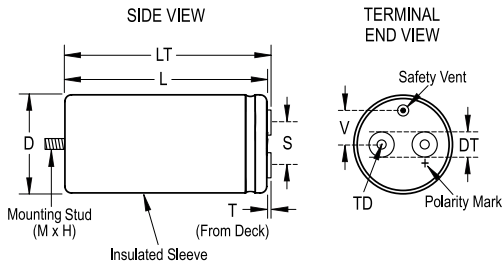


ALS31, Aluminum Electrolytic, 2,200 uF, 20%, 500 VDC, -40/+85°C



| General Information      |  |
|--------------------------|--|
| <b>Series:</b>           | ALS31  |
| <b>Dielectric:</b>       | Aluminum Electrolytic                                    |
| <b>Description:</b>      | Screw Terminal, Aluminum Electrolytic                    |
| <b>RoHS:</b>             | Yes  |
| <b>AEC-Q200:</b>         | No   |
| <b>Component Weight:</b> | 960 g  |
| <b>Notes:</b>            | Dimensions D And L Include Sleevling. MS (MxH) = M12x16. |
| <b>Shelf Life:</b>       | 156 Weeks  |

| Dimensions |                      |
|------------|----------------------|
| <b>D</b>   | 77mm +/-1mm          |
| <b>L</b>   | 146mm +/-2mm         |
| <b>T</b>   | 6.4mm +/-0.5mm       |
| <b>S</b>   | 31.8mm +/-0.5mm      |
| <b>DT</b>  | 17mm +/-0.5mm        |
| <b>LT</b>  | Available On Request |
| <b>TD</b>  | 11.8mm MIN           |
| <b>V</b>   | 19mm NOM             |

| Specifications                |   |
|-------------------------------|---|
| <b>Capacitance:</b>           | 2,200 uF  |
| <b>Capacitance Tolerance:</b> | 20%   |
| <b>Voltage DC:</b>            | 500 VDC, 550 VDC (Surge)  |
| <b>Temperature Range:</b>     | -40/+85°C   |
| <b>Rated Temperature:</b>     | 85°C  |
| <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>Ripple Current:</b>        | 14.3 Amps (100Hz 85C), 21.8 Amps (10kHz 85C)  |
| <b>Leakage Current:</b>       | 6000 uA (5min 20°C)   |

| Packaging Specifications |           |
|--------------------------|-----------|
| <b>Sleevling:</b>        | Yes       |
| <b>Packaging:</b>        | Bulk, Box |

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