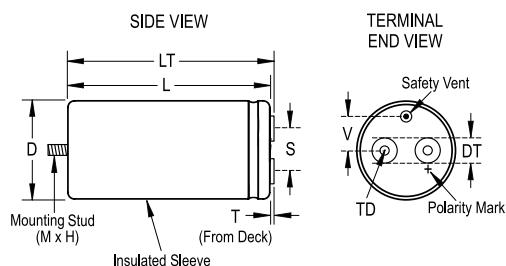


ALS31, Aluminum Electrolytic, 85C, 4700 uF, 20%, 100 V, -40/+85C



### Dimensions

|           |                 |
|-----------|-----------------|
| <b>D</b>  | 36mm +/-1mm     |
| <b>L</b>  | 82mm +/-2mm     |
| <b>T</b>  | 7.14mm +/-0.5mm |
| <b>S</b>  | 12.8mm +/-0.5mm |
| <b>DT</b> | 8mm +/-0.5mm    |
| <b>LT</b> | 87.5mm +/-1mm   |
| <b>TD</b> | 10mm MIN        |
| <b>V</b>  | 8mm NOM         |

### Packaging Specifications

|                   |           |
|-------------------|-----------|
| <b>Weight:</b>    | 115 g     |
| <b>Sleeving:</b>  | Yes       |
| <b>Packaging:</b> | Bulk, Box |

### General Information

|                     |                                                       |
|---------------------|-------------------------------------------------------|
| <b>Supplier:</b>    | KEMET                                                 |
| <b>Series:</b>      | ALS31                                                 |
| <b>Dielectric:</b>  | Aluminum Electrolytic                                 |
| <b>Description:</b> | Screw Terminal, Aluminum Electrolytic                 |
| <b>RoHS:</b>        | Yes                                                   |
| <b>Notes:</b>       | Dimensions D And L Include Sleeving. MS (MxH) = M8x12 |

### Specifications

|                               |                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------|
| <b>Capacitance:</b>           | 4700 uF                                                                               |
| <b>Capacitance Tolerance:</b> | 20%                                                                                   |
| <b>Voltage DC:</b>            | 100 VDC, 115 VDC (Surge)                                                              |
| <b>Temperature Range:</b>     | -40/+85C                                                                              |
| <b>Rated Temperature:</b>     | 85C                                                                                   |
| <b>Life:</b>                  | 11000 Hrs (Rated Voltage And Ripple Current At 85C), 22000 Hrs (Rated Voltage At 85C) |
| <b>Resistance:</b>            | 33 mOhms (100Hz 20C), 27 mOhms (10kHz 20C)                                            |
| <b>Current:</b>               | 7.9 Amps (100Hz 85C), 8.8 Amps (10kHz 85C)                                            |
| <b>Leakage Current:</b>       | 2820 uA (5min 20C)                                                                    |