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**General Information**

|                          |   |
|--------------------------|---|
| Series                   | ALS31   |
| Dielectric               | Aluminum Electrolytic                                 |
| Style                    | Screw Terminal  |
| Description              | Screw Terminal, Aluminum Electrolytic                 |
| RoHS                     | Yes   |
| Lead                     | Screw Terminals M5                                    |
| Mounting                 | Through-Hole  |
| AEC-Q200                 | No  |
| Typical Component Weight | 90 g  |
| Notes                    | Dimensions D And L Include Slewing. MS (MxH) = M8x12. |
| Shelf Life               | 156 Weeks   |

**Dimensions**

|    |                 |
|----|-----------------|
| D  | 36mm +/-1mm     |
| L  | 62mm +/-2mm     |
| T  | 7.1mm +/-0.5mm  |
| S  | 12.8mm +/-0.5mm |
| DT | 8mm +/-0.5mm    |
| LT | 67.5mm +/-1mm   |
| TD | 10mm MIN        |
| V  | 8mm NOM         |

**Packaging Specifications**

|           |           |
|-----------|-----------|
| Slewing   | true      |
| Packaging | Bulk, Box |

**Specifications**

|                       |   |
|-----------------------|---|
| Capacitance           | 15000 uF  |
| Capacitance Tolerance | 20%   |
| Voltage DC            | 40 VDC, 46 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) |
| ESR                   | 17 mOhms (100Hz 20C), 14 mOhms (10kHz 20C)  |
| Ripple Current        | 9.5 Amps (100Hz 85C), 10 Amps (10kHz 85C)   |
| Leakage Current       | 3600 uA (5min 20°C)   |

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