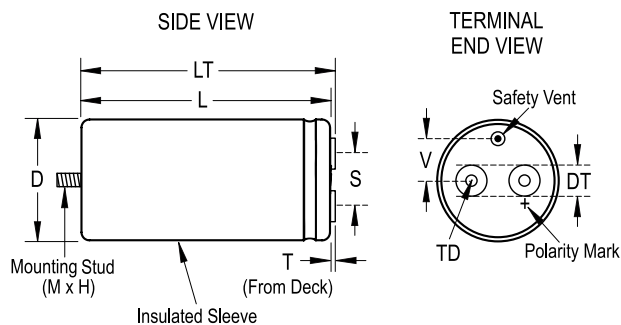


## ALS31A102DE200

ALS31, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 200 VDC, -40/+85°C, 12.8 mm



Click [here](#) for the 3D model.

### General Information

|                          |                                                       |
|--------------------------|-------------------------------------------------------|
| Series                   | ALS31                                                 |
| Dielectric               | Aluminum Electrolytic                                 |
| Description              | Screw Terminal, Aluminum Electrolytic                 |
| RoHS                     | Yes                                                   |
| Lead                     | Screw Terminals M5                                    |
| Mounting                 | Through-Hole                                          |
| AEC-Q200                 | No                                                    |
| Typical Component Weight | 115 g                                                 |
| Notes                    | Dimensions D And L Include Slewing. MS (MxH) = M8x12. |
| Shelf Life               | 156 Weeks                                             |

### Specifications

|                   |                                                                                         |
|-------------------|-----------------------------------------------------------------------------------------|
| Capacitance       | 1,000 uF                                                                                |
| Tolerance         | 20%                                                                                     |
| Voltage DC        | 200 VDC, 230 VDC (Surge)                                                                |
| Temperature Range | -40/+85°C                                                                               |
| Rated Temperature | 85°C                                                                                    |
| Life              | 11000 Hrs (Rated Voltage And Ripple Current At 85°C), 22000 Hrs (Rated Voltage At 85°C) |
| ESR               | 135 mOhms (100Hz 20C), 107 mOhms (10kHz 20C)                                            |
| Ripple Current    | 5.1 Amps (100Hz 85C), 7.1 Amps (10kHz 85C)                                              |
| Leakage Current   | 1200 uA (5min 20°C)                                                                     |

### Dimensions

|    |                 |
|----|-----------------|
| D  | 36mm +/-1mm     |
| L  | 82mm +/-2mm     |
| T  | 7.1mm +/-0.5mm  |
| S  | 12.8mm +/-0.5mm |
| DT | 8mm +/-0.5mm    |
| LT | 87.5mm +/-1mm   |
| TD | 10mm MIN        |
| V  | 8mm NOM         |

### Packaging Specifications

|           |           |
|-----------|-----------|
| Slewing   | Yes       |
| Packaging | Bulk, Box |

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