


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

General Information

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|--------------------------|--|
| 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 | 140 g |
| Notes | Dimensions D And L Include Sleeving. MS (MxH) = M8x12. |
| Shelf Life | 156 Weeks |

Dimensions

| | |
|----|-----------------|
| D | 36mm +/-1mm |
| L | 105mm +/-2mm |
| T | 7.1mm +/-0.5mm |
| S | 12.8mm +/-0.5mm |
| DT | 8mm +/-0.5mm |
| LT | 111.5mm +/-1mm |
| TD | 10mm MIN |
| V | 8mm NOM |

Packaging Specifications

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|-----------|-----------|
| Sleeving | Yes |
| Packaging | Bulk, Box |

Specifications

| | |
|-------------------|---|
| Capacitance | 470 uF |
| Tolerance | 20% |
| Voltage DC | 450 VDC, 495 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 | 235 mOhms (100Hz 20C), 155 mOhms (10kHz 20C) |
| Ripple Current | 4 Amps (100Hz 85C), 8.4 Amps (10kHz 85C) |
| Leakage Current | 1269 uA (5min 20°C) |

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