



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

**General Information**

|                          |   |
|--------------------------|---|
| Series                   | ALS80   |
| Dielectric               | Aluminum Electrolytic   |
| Style                    | Screw Terminal  |
| Description              | Screw Terminal, Aluminum Electrolytic   |
| RoHS                     | Yes   |
| Lead                     | Screw Terminals M5  |
| Mounting                 | Through-Hole  |
| AEC-Q200                 | No  |
| Halogen Free             | true  |
| Typical Component Weight | 140 g   |
| Notes                    | Dimensions D And L Include Sleeving. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736 |
| Shelf Life               | 156 Weeks   |

**Specifications**

|                       |  |
|-----------------------|--|
| Capacitance           | 1000 uF  |
| Capacitance Tolerance | 20%  |
| Voltage DC            | 450 VDC, 495 VDC (Surge)   |
| Temperature Range     | -40/+105°C   |
| Rated Temperature     | 105°C  |
| Life                  | 6000 Hrs (Rated Voltage And Ripple Current At 105C), 10000 Hrs (Rated Voltage at 105C) |
| ESR                   | 157 mOhms (100Hz 20C), 97 mOhms (10kHz 20C)  |
| Ripple Current        | 4.4 Amps (100Hz 105C), 10.1 Amps (10 kHz 105C)   |
| Leakage Current       | 1350 uA  |

**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**

|           |      |
|-----------|------|
| Sleeving  | true |
| Packaging | Tray |

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