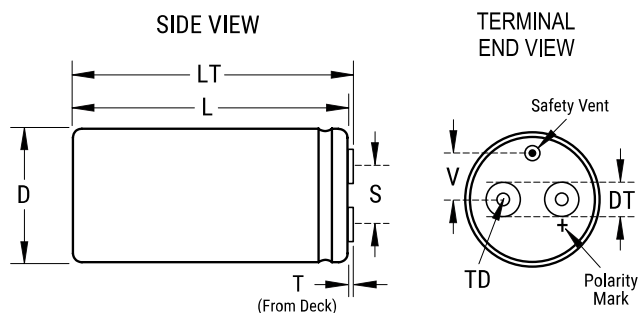


## ALS80A821DF500

ALS80, Aluminum, Aluminum Electrolytic, 820 uF, 20%, 500 VDC, -40/+105°C, 12.8 mm



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

### General Information

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

### Specifications

|                   |  |
|-------------------|--|
| Capacitance       | 820 uF   |
| Tolerance         | 20%  |
| Voltage DC        | 500 VDC, 550 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               | 261 mOhms (100Hz 20C), 194 mOhms (10kHz 20C)   |
| Ripple Current    | 4.1 Amps (100Hz 105C), 8.9 Amps (10 kHz 105C)  |
| Leakage Current   | 1230 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

|           |      |
|-----------|------|
| Slewing   | Yes  |
| Packaging | Tray |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.