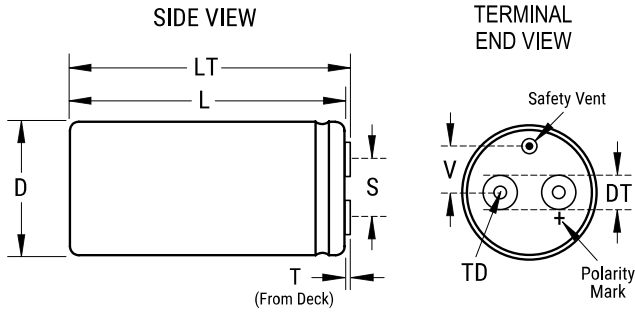


ALS30A101DA500

Aliases (A331FB101N500A)

ALS30, Aluminum, Aluminum Electrolytic, 100 uF, 20%, 500 VDC, -40/+85°C, 12.8 mm



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

General Information

| | |
|--------------------------|--|
| Series | ALS30 |
| Dielectric | Aluminum Electrolytic |
| Description | Screw Terminal, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | Screw Terminals M5 |
| Mounting | Through-Hole |
| Typical Component Weight | 75 g |
| Notes | Dimensions D And L Include Slewing. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736 |
| Shelf Life | 156 Weeks |

| Dimensions | |
|------------|-----------------|
| D | 36mm +/-1mm |
| L | 52mm +/-2mm |
| T | 7.1mm +/-0.5mm |
| S | 12.8mm +/-0.5mm |
| DT | 8mm +/-0.5mm |
| LT | 58.5mm +/-1mm |
| TD | 10mm MIN |
| V | 8mm NOM |

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

| Specifications | |
|-------------------|---|
| Capacitance | 100 uF |
| Tolerance | 20% |
| Voltage DC | 500 VDC, 550 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 | 1385 mOhms (100Hz 20C), 847 mOhms (10kHz 20C) |
| Ripple Current | 1.6 Amps (100Hz 85C), 2.9 Amps (10kHz 85C) |
| Leakage Current | 300 uA (5min 20°C) |

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.