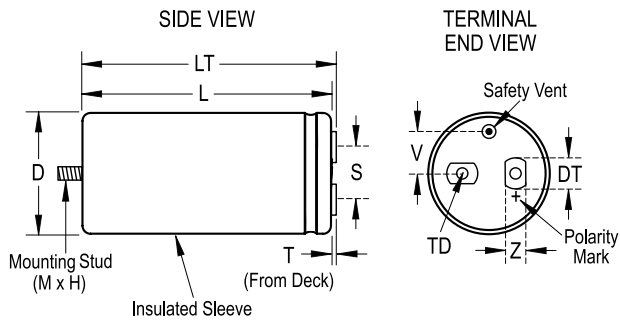


## ALS71A103NT500

ALS71, Aluminum, Aluminum Electrolytic, 10,000 uF, 20%, 500 VDC, -40/+85°C, 31.8 mm



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

### General Information

|                          |                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------|
| Series                   | ALS71                                                                                        |
| Dielectric               | Aluminum Electrolytic                                                                        |
| Description              | Screw Terminal, Aluminum Electrolytic                                                        |
| RoHS                     | Yes                                                                                          |
| Lead                     | Oval Threaded Inserts M5                                                                     |
| Mounting                 | Through-Hole                                                                                 |
| Optional Mounting        | Stud                                                                                         |
| AEC-Q200                 | No                                                                                           |
| Halogen Free             | Yes                                                                                          |
| Typical Component Weight | 1,450 g                                                                                      |
| Notes                    | Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V11 |
| Shelf Life               | 156 Weeks                                                                                    |

### Dimensions

|    |                 |
|----|-----------------|
| D  | 77mm +/-1mm     |
| L  | 220mm +/-2mm    |
| T  | 5.5mm +/-0.5mm  |
| S  | 31.8mm +/-0.5mm |
| DT | 13mm +/-0.5mm   |
| LT | 224.5mm +/-1mm  |
| TD | 10mm MIN        |
| V  | 19mm NOM        |
| Z  | 10mm NOM        |

### Packaging Specifications

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

### Specifications

|                   |                                                                                       |
|-------------------|---------------------------------------------------------------------------------------|
| Capacitance       | 10,000 uF                                                                             |
| Tolerance         | 20%                                                                                   |
| Voltage DC        | 500 VDC, 550 VDC (Surge)                                                              |
| Temperature Range | -40/+85°C                                                                             |
| Rated Temperature | 85°C                                                                                  |
| Life              | 20000 Hrs (Rated Voltage And Ripple Current At 85C), 40000 Hrs (Rated Voltage at 85C) |
| ESR               | 30 mOhms (100Hz 20C), 24 mOhms (10kHz 20C)                                            |
| Ripple Current    | 21.4 Amps (100Hz 85C), 28.7 Amps (10kHz 85C)                                          |
| Leakage Current   | 6000 uA                                                                               |

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