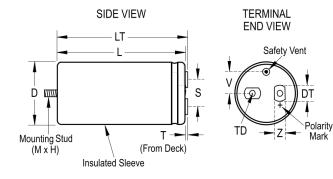


ALS31A103NT350

Aliases (A431TW103M350A)

**Specifications** 

ALS31, Aluminum Electrolytic, 10,000 uF, 20%, 350 VDC, -40/+85°C



| General Information |  |
|---------------------|--|
| Series              | ALS31  |
| Dielectric          | Aluminum Electrolytic                                      |
| Description         | Screw Terminal, Aluminum Electrolytic                      |
| RoHS                | Yes  |
| AEC-Q200            | No   |
| Component<br>Weight | 1450 g   |
| Notes               | Dimensions D And L Include Sleeving. MS (MxH)<br>= M12x16. |
| Shelf Life          | 156 Weeks  |

Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| D          | 77mm +/-1mm     |
| L          | 220mm +/-2mm    |
| т          | 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        |

| 1 +/-0.5mm      | Resist | ance       | 15 m |
|-----------------|--------|------------|------|
| 5<br>5mm +/-1mm | Ripple | Current    | 31.7 |
| n MIN           | Leaka  | ge Current | 600  |
| n NOM           |        |            |      |
| n NOM           |        |            |      |
|                 |        |            |      |
|                 | _      |            |      |

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

| Capacitance              | 10,000 uF  |
|--------------------------|--|
| Capacitance<br>Tolerance | 20%  |
| Voltage DC               | 350 VDC, 385 VDC (Surge)   |
| Temperature<br>Range     | -40/+85°C  |
| Rated<br>Temperature     | 85°C   |
| Life                     | 20000 Hrs (Rated Voltage And Ripple Current<br>At 85C), 40000 Hrs (Rated Voltage At 85C) |
| Resistance               | 15 mOhms (100Hz 20C), 11 mOhms (10kHz 20C)   |
| <b>Ripple Current</b>    | 31.7 Amps (100Hz 85C), 39.3 Amps (10kHz 85C)   |
| Leakage Current          | 6000 uA (5min 20°C)  |

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