

## ALS31G103NT350

Aliases (A431TW103M350G)

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



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

### Dimensions

|    |                      |
|----|----------------------|
| D  | 77mm +/-1mm          |
| L  | 220mm +/-2mm         |
| T  | 6.4mm +/-0.5mm       |
| S  | 31.8mm +/-0.5mm      |
| DT | 17mm +/-0.5mm        |
| LT | Available On Request |
| TD | 11.8mm MIN           |
| V  | 19mm NOM             |

### Packaging Specifications

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

### General Information

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

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 10,000 uF   |
| Capacitance Tolerance | 20%   |
| Voltage DC            | 350 VDC, 385 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) |
| Resistance            | 15 mOhms (100Hz 20C), 11 mOhms (10kHz 20C)  |
| Ripple Current        | 31.7 Amps (100Hz 85C), 39.3 Amps (10kHz 85C)  |
| Leakage Current       | 6000 uA (5min 20°C)   |

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