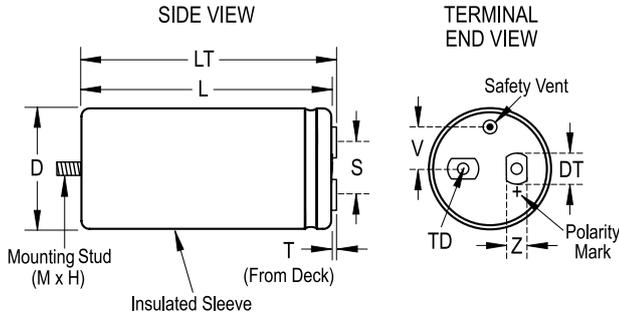


## ALS61A272NM550

Not for New Design

ALS61, Aluminum, Aluminum Electrolytic, 2,700 uF, 20%, 550 VDC, -40/+85°C, 31.8 mm



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

### General Information

|                          |  |
|--------------------------|--|
| Series                   | ALS61  |
| Dielectric               | Aluminum Electrolytic                                  |
| Description              | High Voltage, Screw Terminal, Aluminum Electrolytic    |
| RoHS                     | Yes  |
| Lead                     | Oval Threaded Inserts M5                               |
| Mounting                 | Through-Hole   |
| Optional Mounting        | Stud   |
| Typical Component Weight | 860 g  |
| Notes                    | Dimensions D And L Include Slewing. MS (MxH) = M12x16. |

### Dimensions

|    |                 |
|----|-----------------|
| D  | 77mm +/-1mm     |
| L  | 131mm +/-2mm    |
| T  | 5.5mm +/-0.5mm  |
| S  | 31.8mm +/-0.5mm |
| DT | 13mm +/-0.5mm   |
| LT | 135mm +/-1mm    |
| TD | 10mm MIN        |
| V  | 19mm NOM        |
| Z  | 10mm NOM        |

### Packaging Specifications

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

### Specifications

|                   |  |
|-------------------|--|
| Capacitance       | 2,700 uF   |
| Tolerance         | 20%  |
| Voltage DC        | 550 VDC, 605 VDC (Surge)                         |
| Temperature Range | -40/+85°C  |
| Rated Temperature | 85°C   |
| Life              | 20000 Hrs  |
| ESR               | 113.4 mOhms (100Hz 20C), 100.4 mOhms (10kHz 20C) |
| Ripple Current    | 13.17 Amps (100Hz 85C), 19.11 Amps (10kHz 85C)   |
| Leakage Current   | 6000 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.