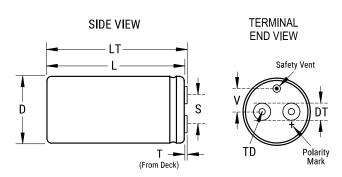




ALS70, Aluminum, Aluminum Electrolytic, 30,000 uF, 20%, 100 VDC, -40/  $+85^{\circ}\text{C}, 31.8~\text{mm}$ 



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|-------|------|-----|-----|----|--------|
| CIICK | nere | 101 | une | 30 | model. |

| General Information      |   |
|--------------------------|---|
| Series                   | ALS70   |
| Dielectric               | Aluminum Electrolytic   |
| Description              | Screw Terminal, Aluminum<br>Electrolytic  |
| RoHS                     | Yes   |
| Lead                     | ThreadedInserts - 10-32 UNF class 2B  |
| Mounting                 | Through-Hole  |
| AEC-Q200                 | No  |
| Halogen Free             | Yes   |
| Typical Component Weight | 615 g   |
| Notes                    | Dimensions D And L Include<br>Sleeving. MS (MxH) = M12x16.<br>Mounting Clamp (Sold<br>Separately): V90N |
| Shelf Life               | 156 Weeks   |

| Dimensions               |                      |
|--------------------------|----------------------|
| D                        | 90mm +/-1mm          |
| L                        | 67mm +/-2mm          |
| Т                        | 7.1mm +/-0.5mm       |
| S                        | 31.8mm +/-0.5mm      |
| DT                       | 8mm +/-0.5mm         |
| LT                       | Available On Request |
| TD                       | 10mm MIN             |
| V                        | 25mm NOM             |
|                          |                      |
| Packaging Specifications |                      |
| Sleeving                 | Yes                  |
| Packaging                | Tray                 |

| Specifications    |   |
|-------------------|---|
| Capacitance       | 30,000 uF   |
| Tolerance         | 20%   |
| Voltage DC        | 100 VDC, 115 VDC (Surge)  |
| Temperature Range | -40/+85°C   |
| Rated Temperature | 85°C  |
| Life              | 20000 Hrs (Rated Voltage And<br>Ripple Current At 85C), 40000<br>Hrs (Rated Voltage at 85C) |
| ESR               | 19 mOhms (100Hz 20C), 17<br>mOhms (10kHz 20C)   |
| Ripple Current    | 20.7 Amps (100Hz 85C), 22.8<br>Amps (10kHz 85C)   |
| Leakage Current   | 6000 uA   |

| Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitut     | te - and |
|--|----------|
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| 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.                              | •        |

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