

**KEMET Part Number: ALS70A273NT250**  
(A390TW273M250A)

ALS70, Aluminum Electrolytic, 27,000 uF, 20%, 250 VDC, -40/+85°C



| General Information  |   |
|----------------------|---|
| <b>Series:</b>       | ALS70   |
| <b>Dielectric:</b>   | Aluminum Electrolytic   |
| <b>Description:</b>  | Screw Terminal, Aluminum Electrolytic   |
| <b>RoHS:</b>         | Yes   |
| <b>AEC-Q200:</b>     | No  |
| <b>Halogen Free:</b> | Yes   |
| <b>Notes:</b>        | Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clip (Sold Separately): V11 |
| <b>Shelf Life:</b>   | 156 Weeks   |

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

| Specifications                |   |
|-------------------------------|---|
| <b>Capacitance:</b>           | 27,000 uF   |
| <b>Capacitance Tolerance:</b> | 20%   |
| <b>Voltage DC:</b>            | 250 VDC, 288 VDC (Surge)  |
| <b>Temperature Range:</b>     | -40/+85°C   |
| <b>Rated Temperature:</b>     | 85°C  |
| <b>Life:</b>                  | 20000 Hrs (Rated Voltage And Ripple Current At 85C), 40000 Hrs (Rated Voltage At 85C) |
| <b>Resistance:</b>            | 15 mOhms (100Hz 20C), 12 mOhms (10kHz 20C)  |
| <b>Ripple Current:</b>        | 25.1 Amps (100Hz 85C), 30.5 Amps (10 kHz 85C)   |
| <b>Leakage Current:</b>       | 6000 uA   |

| Packaging Specifications |         |
|--------------------------|---------|
| <b>Weight:</b>           | 1.45 kg |
| <b>Slewing:</b>          | Yes     |
| <b>Packaging:</b>        | Tray    |

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