

**KEMET Part Number: ALS70A823DF025**  
(A390FM823M025A)



ALS70, Aluminum Electrolytic, 82,000 uF, 20%, 25 VDC, -40/+85°C



| Dimensions |                 |
|------------|-----------------|
| D          | 36mm +/-1mm     |
| L          | 105mm +/-2mm    |
| T          | 7.1mm +/-0.5mm  |
| S          | 12.8mm +/-0.5mm |
| DT         | 8mm +/-0.5mm    |
| LT         | 111.5mm +/-1mm  |
| TD         | 10mm MIN        |
| V          | 8mm NOM         |

| Packaging Specifications |      |
|--------------------------|------|
| Sleeving:                | Yes  |
| Packaging:               | Tray |

| General Information |   |
|---------------------|---|
| Series:             | ALS70   |
| Dielectric:         | Aluminum Electrolytic   |
| Description:        | Screw Terminal, Aluminum Electrolytic   |
| RoHS:               | Yes   |
| AEC-Q200:           | No  |
| Halogen Free:       | Yes   |
| Component Weight:   | 140 g   |
| Notes:              | Dimensions D And L Include Sleeving. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736 |
| Shelf Life:         | 156 Weeks   |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 82,000 uF   |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 25 VDC, 28.75 VDC (Surge)   |
| Temperature Range:     | -40/+85°C   |
| Rated Temperature:     | 85°C  |
| Life:                  | 11000 Hrs (Rated Voltage And Ripple Current At 85C), 22000 Hrs (Rated Voltage At 85C) |
| Resistance:            | 20 mOhms (100Hz 20C), 19 mOhms (10kHz 20C)  |
| Ripple Current:        | 14.6 Amps (100Hz 85C), 16.1 Amps (10kHz 85C)  |
| Leakage Current:       | 6000 uA   |

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