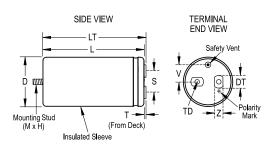
## KEMET Part Number: ALS70A512MF400



## Aluminum Electrolytic, 85C, ALS70, 5100 uF, 20%, 400 V, -40/+85C



| General Information |  |
|---------------------|--|
| Dielectric:         | Aluminum Electrolytic                                      |
| Series:             | ALS70  |
| Description:        | Screw Terminal, Aluminum<br>Electrolytic                   |
| RoHS:               | Yes  |
| Notes:              | Dimensions D And L Include<br>Sleeving. MS (MxH) = M12x 16 |

| [          |                 |
|------------|-----------------|
| Dimensions |                 |
| D          | 66mm +/-1mm     |
| L          | 105mm +/-2mm    |
| Т          | 5.5mm +/-0.5mm  |
| S          | 28.5mm +/-0.5mm |
| DT         | 13mm +/-0.5mm   |
| LT         | 110.5mm +/-1mm  |
| TD         | 10mm MIN        |
| V          | 15.8mm NOM      |
| Z          | 10mm NOM        |

| Packaging Specifications |  |  |
|--------------------------|--|--|
| 505                      |  |  |
| 505 g                    |  |  |
| Yes                      |  |  |
| 103                      |  |  |
| T&R                      |  |  |
|                          |  |  |

| Specifications         |   |
|------------------------|---|
| Capacitance:           | 5100 uF   |
| Capacitance Tolerance: | 20%   |
| Voltage DC:            | 400 VDC, 440 VDC (Surge), 520<br>VDC (Surge)  |
| Temperature Range:     | -40/+85C  |
| Rated Temperature:     | 85C   |
| Life:                  | 19000 Hrs (Rated Voltage And<br>Ripple Current At 85C), 38000<br>Hrs (Rated Voltage At 85C) |
| Resistance:            | 36 mOhms (100Hz 20C), 22<br>mOhms (10kHz 20C)   |
| Current:               | 14 Amps (100Hz 85C), 22.7<br>Amps (10 kHz 85C)  |
| Leakage Current:       | 6000 uA   |

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