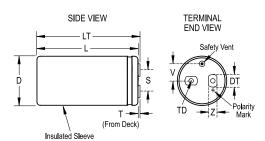
## **KEMET Part Number: ALS70A512MF400**



## ALS70, Aluminum Electrolytic, 85C, 5,100 uF, 20%, 400 VDC, -40/+85C



| General Information |                                          |
|---------------------|------------------------------------------|
| Supplier:           | KEMET                                    |
| Series:             | ALS70                                    |
| Dielectric:         | Aluminum Electrolytic                    |
| Description:        | Screw Terminal, Aluminum<br>Electrolytic |
| RoHS:               | Yes                                      |
| Notes:              | Dimensions D And L Include<br>Sleeving   |

| 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        |

| Specifications         |                                                                                             |
|------------------------|---------------------------------------------------------------------------------------------|
| Capacitance:           | 5,100 uF                                                                                    |
| Capacitance Tolerance: | 20%                                                                                         |
| Voltage DC:            | 400 VDC, 440 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)                                               |
| Ripple Current:        | 14 Amps (100Hz 85C), 22.7<br>Amps (10 kHz 85C)                                              |
| Leakage Current:       | 6000 uA                                                                                     |

| Packaging Specifications |       |  |
|--------------------------|-------|--|
| Weight:                  | 505 g |  |
| Sleeving:                | Yes   |  |
| Packaging:               | Tray  |  |

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