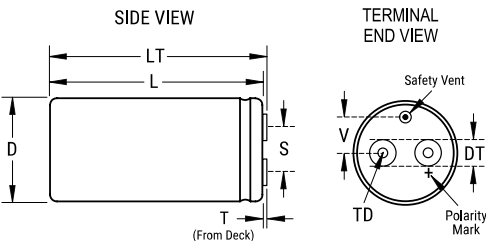


KEMET Part Number: ALS40A472DF100  
(A341FM472M100A)



ALS40, Aluminum Electrolytic, 4,700 uF, 20%, 100 VDC, -40/+105°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: | Bulk, Box |

General Information

|                   |                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------|
| Series:           | ALS40                                                                                              |
| Dielectric:       | Aluminum Electrolytic                                                                              |
| Description:      | Screw Terminal, Aluminum Electrolytic                                                              |
| RoHS:             | Yes                                                                                                |
| AEC-Q200:         | No                                                                                                 |
| Halogen Free:     | No                                                                                                 |
| Component Weight: | 140 g                                                                                              |
| Notes:            | Dimensions D And L Include Slewing. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736 |
| Shelf Life:       | 156 Weeks                                                                                          |

Specifications

|                        |                                                                                        |
|------------------------|----------------------------------------------------------------------------------------|
| Capacitance:           | 4,700 uF                                                                               |
| Capacitance Tolerance: | 20%                                                                                    |
| Voltage DC:            | 100 VDC, 115 VDC (Surge)                                                               |
| Temperature Range:     | -40/+105°C                                                                             |
| Rated Temperature:     | 105°C                                                                                  |
| Life:                  | 6000 Hrs (Rated Voltage And Ripple Current At 105C), 10000 Hrs (Rated Voltage At 105C) |
| Resistance:            | 26 mOhms (100Hz 20C), 21 mOhms (10kHz 20C)                                             |
| Ripple Current:        | 8.1 Amps (100Hz 105C), 9.3 Amps (10kHz 105C)                                           |
| Leakage Current:       | 1410 uA (5min 20°C)                                                                    |

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