

ALS41, Aluminum Electrolytic, 220 uF, 20%, 450 VDC, -40/+105°C



| Dimensions |                 |
|------------|-----------------|
| D          | 36mm +/-1mm     |
| L          | 82mm +/-2mm     |
| T          | 7.1mm +/-0.5mm  |
| S          | 12.8mm +/-0.5mm |
| DT         | 8mm +/-0.5mm    |
| LT         | 87.5mm +/-1mm   |
| TD         | 10mm MIN        |
| V          | 8mm NOM         |

| Packaging Specifications |           |
|--------------------------|-----------|
| Sleeving:                | Yes       |
| Packaging:               | Bulk, Box |

| General Information |  |
|---------------------|--|
| Series:             | ALS41  |
| Dielectric:         | Aluminum Electrolytic                                  |
| Description:        | Screw Terminal, Aluminum Electrolytic                  |
| RoHS:               | Yes  |
| Mounting:           | Stud   |
| AEC-Q200:           | No   |
| Halogen Free:       | Yes  |
| Component Weight:   | 115 g  |
| Notes:              | Dimensions D And L Include Sleeving. MS (MxH) = M8x12. |
| Shelf Life:         | 156 Weeks  |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 220 uF   |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 450 VDC, 495 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:            | 487 mOhms (100Hz 20C), 242 mOhms (10kHz 20C)   |
| Ripple Current:        | 2.5 Amps (100Hz 105C), 6.2 Amps (10kHz 105C)   |
| Leakage Current:       | 297 uA (5min 20°C)   |

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