

ALS41, Aluminum Electrolytic, 47,000 uF, 20%, 63 VDC, -40/+105°C



| General Information |   |
|---------------------|---|
| Series:             | ALS41   |
| Dielectric:         | Aluminum Electrolytic                                   |
| Description:        | Screw Terminal, Aluminum Electrolytic                   |
| RoHS:               | Yes   |
| Mounting:           | Stud  |
| AEC-Q200:           | No  |
| Halogen Free:       | Yes   |
| Component Weight:   | 900 g   |
| Notes:              | Dimensions D And L Include Sleeving. MS (MxH) = M12x16. |
| Shelf Life:         | 156 Weeks   |

| Dimensions |                      |
|------------|----------------------|
| D          | 90mm +/-1mm          |
| L          | 98mm +/-2mm          |
| T          | 5.5mm +/-0.5mm       |
| S          | 31.8mm +/-0.5mm      |
| DT         | 13mm +/-0.5mm        |
| LT         | Available On Request |
| TD         | 10mm MIN             |
| V          | 25mm NOM             |

| Specifications         |  |
|------------------------|--|
| Capacitance:           | 47,000 uF  |
| Capacitance Tolerance: | 20%  |
| Voltage DC:            | 63 VDC, 72.45 VDC (Surge)  |
| Temperature Range:     | -40/+105°C   |
| Rated Temperature:     | 105°C  |
| Life:                  | 9000 Hrs (Rated Voltage And Ripple Current At 105C), 15000 Hrs (Rated Voltage At 105C) |
| Resistance:            | 8 mOhms (100Hz 20C), 7 mOhms (10kHz 20C)   |
| Ripple Current:        | 24.4 Amps (100Hz 105C), 25.1 Amps (10kHz 105C)   |
| Leakage Current:       | 6000 uA (5min 20°C)  |

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

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