

ALS41, Aluminum Electrolytic, 15,000 uF, 20%, 40 VDC, -40/+105°C



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

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

| Specifications                |                                                                                        |
|-------------------------------|----------------------------------------------------------------------------------------|
| <b>Capacitance:</b>           | 15,000 uF                                                                              |
| <b>Capacitance Tolerance:</b> | 20%                                                                                    |
| <b>Voltage DC:</b>            | 40 VDC, 46 VDC (Surge)                                                                 |
| <b>Temperature Range:</b>     | -40/+105°C                                                                             |
| <b>Rated Temperature:</b>     | 105°C                                                                                  |
| <b>Life:</b>                  | 6000 Hrs (Rated Voltage And Ripple Current At 105C), 10000 Hrs (Rated Voltage At 105C) |
| <b>Resistance:</b>            | 13 mOhms (100Hz 20C), 10 mOhms (10kHz 20C)                                             |
| <b>Ripple Current:</b>        | 10.8 Amps (100Hz 105C), 11.6 Amps (10kHz 105C)                                         |
| <b>Leakage Current:</b>       | 1800 uA (5min 20°C)                                                                    |

| Packaging Specifications |           |
|--------------------------|-----------|
| <b>Sleeving:</b>         | Yes       |
| <b>Packaging:</b>        | Bulk, Box |

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