

ALS41A103DA040

ALS41, Aluminum, Aluminum Electrolytic, 10,000 uF, 20%, 40 VDC, -40/+105°C, 12.8 mm



Click [here](#) for the 3D model.

General Information

| | |
|--------------------------|---|
| Series | ALS41 |
| Dielectric | Aluminum Electrolytic |
| Description | Screw Terminal, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | Screw Terminals M5 |
| Mounting | Through-Hole |
| Optional Mounting | Stud |
| AEC-Q200 | No |
| Halogen Free | No |
| Typical Component Weight | 75 g |
| Notes | Dimensions D And L Include Slewing. MS (MxH) = M8x12. |
| Shelf Life | 156 Weeks |

Specifications

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|-------------------|--|
| Capacitance | 10,000 uF |
| Tolerance | 20% |
| Voltage DC | 40 VDC, 46 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) |
| ESR | 23 mOhms (100Hz 20C), 19 mOhms (10kHz 20C) |
| Ripple Current | 6.6 Amps (100Hz 105C), 6.9 Amps (10kHz 105C) |
| Leakage Current | 1200 uA (5min 20°C) |

Dimensions

| | |
|----|-----------------|
| D | 36mm +/-1mm |
| L | 52mm +/-2mm |
| T | 7.1mm +/-0.5mm |
| S | 12.8mm +/-0.5mm |
| DT | 8mm +/-0.5mm |
| LT | 58.5mm +/-1mm |
| TD | 10mm MIN |
| V | 8mm NOM |

Packaging Specifications

| | |
|-----------|-----------|
| Slewing | Yes |
| Packaging | Bulk, Box |

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