

## ALS80H163DB040

ALS80, Aluminum, Aluminum Electrolytic, 16,000 uF, 20%, 40 VDC, -40/+105°C, 12.8 mm



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

### General Information

|                          |                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------|
| Series                   | ALS80                                                                                               |
| Dielectric               | Aluminum Electrolytic                                                                               |
| Description              | Screw Terminal, Aluminum Electrolytic                                                               |
| RoHS                     | Yes                                                                                                 |
| Lead                     | Threaded Inserts - 10-32 UNF class 2B                                                               |
| Mounting                 | Through-Hole                                                                                        |
| Halogen Free             | Yes                                                                                                 |
| Typical Component Weight | 90 g                                                                                                |
| Notes                    | Dimensions D And L Include Sleeving. MS (MxH) = M8x12. Mounting Clamp (Sold Separately): V3/H2/2736 |
| Shelf Life               | 156 Weeks                                                                                           |

### Dimensions

|    |                      |
|----|----------------------|
| D  | 36mm +/-1mm          |
| L  | 62mm +/-2mm          |
| T  | 7.1mm +/-0.5mm       |
| S  | 12.8mm +/-0.5mm      |
| DT | 8mm +/-0.5mm         |
| LT | Available On Request |
| TD | 10mm MIN             |
| V  | 8mm NOM              |

### Packaging Specifications

|           |      |
|-----------|------|
| Sleeving  | Yes  |
| Packaging | Tray |

### Specifications

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Capacitance       | 16,000 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               | 40 mOhms (100Hz 20C), 34 mOhms (10kHz 20C)                                             |
| Ripple Current    | 9 Amps (100Hz 105C), 11.7 Amps (10 kHz 105C)                                           |
| Leakage Current   | 1920 uA                                                                                |

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