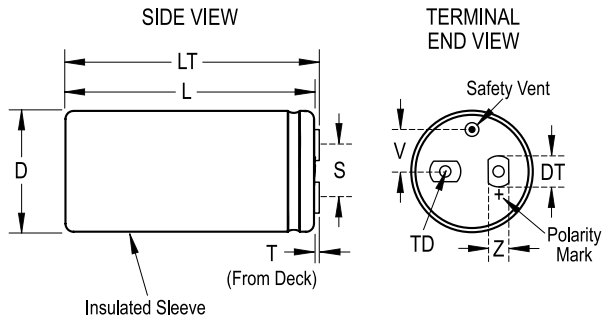


## ALS40A104NF040

ALS40, Aluminum, Aluminum Electrolytic, 100,000 uF, 20%, 40 VDC, -40/+105°C, 31.8 mm



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

### General Information

|                          |                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------|
| Series                   | ALS40                                                                                        |
| Dielectric               | Aluminum Electrolytic                                                                        |
| Description              | Screw Terminal, Aluminum Electrolytic                                                        |
| RoHS                     | Yes                                                                                          |
| Lead                     | Oval Threaded Inserts M5                                                                     |
| Mounting                 | Through-Hole                                                                                 |
| AEC-Q200                 | No                                                                                           |
| Halogen Free             | No                                                                                           |
| Typical Component Weight | 690 g                                                                                        |
| Notes                    | Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V11 |
| Shelf Life               | 156 Weeks                                                                                    |

### Dimensions

|    |                 |
|----|-----------------|
| D  | 77mm +/-1mm     |
| L  | 105mm +/-2mm    |
| T  | 5.5mm +/-0.5mm  |
| S  | 31.8mm +/-0.5mm |
| DT | 13mm +/-0.5mm   |
| LT | 110.5mm +/-1mm  |
| TD | 10mm MIN        |
| V  | 19mm NOM        |
| Z  | 10mm NOM        |

### Packaging Specifications

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

### Specifications

|                   |                                                                                        |
|-------------------|----------------------------------------------------------------------------------------|
| Capacitance       | 100,000 uF                                                                             |
| Tolerance         | 20%                                                                                    |
| Voltage DC        | 40 VDC, 46 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) |
| ESR               | 7 mOhms (100Hz 20C), 7 mOhms (10kHz 20C)                                               |
| Ripple Current    | 22.4 Amps (100Hz 105C), 22.7 Amps (10kHz 105C)                                         |
| Leakage Current   | 6000 uA (5min 20°C)                                                                    |

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