

## ALS70C514NS040

ALS70, Aluminum, Aluminum Electrolytic, 510,000 uF, 20%, 40 VDC, -40/+85°C, 31.8 mm



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

### General Information

|                          |  |
|--------------------------|--|
| Series                   | ALS70  |
| Dielectric               | Aluminum Electrolytic  |
| Description              | Screw Terminal, Aluminum Electrolytic  |
| RoHS                     | Yes  |
| Lead                     | Screw Terminals M6   |
| Mounting                 | Through-Hole   |
| AEC-Q200                 | No   |
| Halogen Free             | Yes  |
| Typical Component Weight | 1,400 g  |
| Notes                    | Dimensions D And L Include Slewing. MS (MxH) = M12x16. Mounting Clamp (Sold Separately): V11 |
| Shelf Life               | 156 Weeks  |

### Specifications

|                   |   |
|-------------------|---|
| Capacitance       | 510,000 uF  |
| Tolerance         | 20%   |
| Voltage DC        | 40 VDC, 46 VDC (Surge)  |
| Temperature Range | -40/+85°C   |
| Rated Temperature | 85°C  |
| Life              | 20000 Hrs (Rated Voltage And Ripple Current At 85C), 40000 Hrs (Rated Voltage at 85C) |
| ESR               | 7 mOhms (100Hz 20C), 8 mOhms (10kHz 20C)  |
| Ripple Current    | 34.1 Amps (100Hz 85C), 34.9 Amps (10kHz 85C)  |
| Leakage Current   | 16000 uA  |

### Dimensions

|    |                      |
|----|----------------------|
| D  | 77mm +/-1mm          |
| L  | 194mm +/-2mm         |
| T  | 5.5mm +/-0.5mm       |
| S  | 31.8mm +/-0.5mm      |
| DT | 13mm +/-0.5mm        |
| LT | Available On Request |
| TD | 10mm MIN             |
| V  | 19mm NOM             |

### Packaging Specifications

|           |      |
|-----------|------|
| Slewing   | Yes  |
| Packaging | Tray |

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