

## ALA7DE471DE500

ALA7D, Aluminum, Aluminum Electrolytic, 470 uF, 20%, 500 VDC, -40/+85°C, 22.5 mm



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

### General Information

|                          |   |
|--------------------------|---|
| Series                   | ALA7D   |
| Dielectric               | Aluminum Electrolytic   |
| Description              | Snap-In, Aluminum Electrolytic  |
| RoHS                     | Yes   |
| Lead                     | 4 Pin   |
| Qualifications           | AEC-Q200  |
| Halogen Free             | Yes   |
| Typical Component Weight | 75 g  |
| Miscellaneous            | Vibration: <= 35mm 1.5mm displacement amplitude or 20G maximum acceleration. Vibration applied for three directions of 4-hour sessions at 10 - 2,000 Hz. (Capacitor clamped by body). |
| Shelf Life               | 156 Weeks   |

### Specifications

|                   |   |
|-------------------|---|
| Capacitance       | 470 uF  |
| Tolerance         | 20%   |
| Voltage DC        | 500 VDC, 550 VDC (Surge)  |
| Temperature Range | -40/+85°C   |
| Rated Temperature | 85°C  |
| Life              | 15000 Hrs (Rated Voltage And Ripple Current At 85C), 24000 Hrs (Rated Voltage At 85C) |
| ESR               | 532.2 mOhms (100Hz 20C), 403.4 mOhms (10kHz 20C)                                      |
| Ripple Current    | 2.47 Amps (100Hz 85C), 4.64 Amps (10kHz 85C)  |
| Leakage Current   | 1410 uA (5min 20°C)   |

| Dimensions |                 |
|------------|-----------------|
| D          | 35mm +1mm       |
| L          | 45mm +/-2mm     |
| S          | 22.5mm +/-0.1mm |
| LL         | 4mm +/-1mm      |
| F          | 2mm +/-0.1mm    |

  

| Packaging Specifications |           |
|--------------------------|-----------|
| Packaging                | Bulk, Bag |
| Packaging Quantity       | 100       |

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