



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

## General Information

|                          |   |
|--------------------------|---|
| Series                   | ALA7D   |
| Dielectric               | Aluminum Electrolytic   |
| Description              | Snap-In, Aluminum Electrolytic  |
| RoHS                     | Yes   |
| Lead                     | 2 Pin   |
| Qualifications           | AEC-Q200  |
| AEC-Q200                 | Yes   |
| Halogen Free             | Yes   |
| Typical Component Weight | 65 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   |

## Dimensions

|    |               |
|----|---------------|
| D  | 35mm +1mm     |
| L  | 40mm +/-2mm   |
| S  | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm  |
| F  | 2mm +/-0.1mm  |

## Packaging Specifications

|                    |      |
|--------------------|------|
| Packaging          | Tray |
| Packaging Quantity | 100  |

## Specifications

|                   |   |
|-------------------|---|
| Capacitance       | 300 uF  |
| Tolerance         | 20%   |
| Voltage DC        | 550 VDC, 605 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               | 572 mOhms (100Hz 20C), 396 mOhms (10kHz 20C)  |
| Ripple Current    | 2.1 Amps (100Hz 85C), 4.2 Amps (10kHz 85C)  |
| Leakage Current   | 990 uA (5min 20°C)  |

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