



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

### Dimensions

|    |               |
|----|---------------|
| D  | 30mm +/-1mm   |
| L  | 45mm +/-2mm   |
| S  | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm  |
| F  | 2mm +/-0.1mm  |

### Packaging Specifications

|                    |           |
|--------------------|-----------|
| Packaging          | Bulk, Bag |
| Packaging Quantity | 160       |

### 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 | 55 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           | 270 uF  |
| Capacitance Tolerance | 20%   |
| Voltage DC            | 550 VDC, 605 VDC (Surge)  |
| Temperature Range     | -40/+85°C   |
| Rated Temperature     | 85°C  |
| Life                  | 13000 Hrs (Rated Voltage And Ripple Current At 85C), 21000 Hrs (Rated Voltage At 85C) |
| Resistance            | 630 mOhms (100Hz 20C), 435 mOhms (10kHz 20C)  |
| Ripple Current        | 1.9 Amps (100Hz 85C), 3.9 Amps (10kHz 85C)  |
| Leakage Current       | 891 uA (5min 20°C)  |

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