



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 | Tray |
|-----------|------|

**General Information**

|                          |                                |
|--------------------------|--------------------------------|
| Series                   | ALA8A                          |
| Dielectric               | Aluminum Electrolytic          |
| Description              | Snap-In, Aluminum Electrolytic |
| RoHS                     | Yes                            |
| Lead                     | 2 Pin                          |
| Qualifications           | AEC-Q200                       |
| Halogen Free             | Yes                            |
| Typical Component Weight | 55 g                           |
| Shelf Life               | 156 Weeks                      |

**Specifications**

|                   |   |
|-------------------|---|
| Capacitance       | 390 uF  |
| Tolerance         | 20%   |
| Voltage DC        | 450 VDC, 495 VDC (Surge)                            |
| Temperature Range | -40/+105°C  |
| Rated Temperature | 105°C   |
| Life              | 5000 Hrs (Rated Voltage And Ripple Current At 105C) |
| ESR               | 354 mOhms (100Hz 20C)                               |
| Ripple Current    | 2.2 Amps (100Hz 105C), 6.1 Amps (10kHz 105C)        |
| Leakage Current   | 526.5 uA (5min 20°C)                                |

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