



### General Information

|                          |                                |
|--------------------------|--------------------------------|
| Series                   | ALA8A                          |
| 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 | 45 g                           |
| Shelf Life               | 156 Weeks                      |

### Specifications

|                       |   |
|-----------------------|---|
| Capacitance           | 270 uF  |
| Capacitance 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                   | 510 mOhms (100Hz 20C)                               |
| Ripple Current        | 1.7 Amps (100Hz 105C), 4.8 Amps (10kHz 105C)        |
| Leakage Current       | 364.5 uA (5min 20°C)                                |

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

### Dimensions

|    |               |
|----|---------------|
| D  | 30mm +1mm     |
| L  | 35mm +/-2mm   |
| S  | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm  |
| F  | 2mm +/-0.1mm  |

### Packaging Specifications

|           |           |
|-----------|-----------|
| Packaging | Bulk, Bag |
|-----------|-----------|

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