



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

Dimensions

| | |
|----|---------------|
| D | 25mm +1mm |
| L | 45mm +/-2mm |
| S | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm |
| F | 2mm +/-0.1mm |

Packaging Specifications

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

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 | 40 g |
| Shelf Life | 156 Weeks |

Specifications

| | |
|-----------------------|---|
| Capacitance | 180 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 500 VDC, 550 VDC (Surge) |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 5000 Hrs (Rated Voltage And Ripple Current At 105C) |
| ESR | 1158 mOhms (100Hz 20C) |
| Ripple Current | 1.4 Amps (100Hz 105C), 3.2 Amps (10kHz 105C) |
| Leakage Current | 270 uA (5min 20°C) |