



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

| Dimensions | |
|------------|---------------|
| D | 40mm +1mm |
| L | 45mm +/-2mm |
| S | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm |
| F | 2mm +/-0.1mm |

| Packaging Specifications | |
|--------------------------|------|
| Packaging | Tray |

| 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 | 95 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 | 470 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 550 VDC, 605 VDC (Surge) |
| Temperature Range | -40/+85°C |
| Rated Temperature | 85°C |
| Life | 18000 Hrs (Rated Voltage And Ripple Current At 85C), 29000 Hrs (Rated Voltage At 105C) |
| ESR | 375 mOhms (100Hz 20C), 261 mOhms (10kHz 20C) |
| Ripple Current | 2.829 Amps (100Hz 85C), 5.5 Amps (10kHz 85C) |
| Leakage Current | 1551 uA (5min 20°C) |