



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

Dimensions

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|----|---------------|
| D | 40mm +1mm |
| L | 50mm +/-2mm |
| S | 10mm +/-0.1mm |
| LL | 6.3mm +/-1mm |
| F | 2mm +/-0.1mm |

Packaging Specifications

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|-----------|------|
| 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 | 105 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 | 390 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 600 VDC, 660 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 | 339 mOhms (100Hz 20C), 235 mOhms (10kHz 20C) |
| Ripple Current | 2.995 Amps (100Hz 85C), 6.012 Amps (10kHz 85C) |
| Leakage Current | 1404 uA (5min 20°C) |