



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

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

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

| General Information | |
|--------------------------|--|
| Series | ALA8D |
| 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 | 560 uF |
| Capacitance Tolerance | 20% |
| Voltage DC | 500 VDC, 550 VDC (Surge) |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 9000 Hrs (Rated Voltage and Ripple Current at 105C), 14000 Hrs (Rated Voltage at 105C) |
| ESR | 360 mOhms (100Hz 20C), 263 mOhms (10kHz 20C) |
| Ripple Current | 3.276 Amps (100Hz 105C), 6.986 Amps (10kHz 105C) |
| Leakage Current | 840 uA (5min 20°C) |

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