



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

General Information

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|--------------------------|---|
| 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 | 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 |

Dimensions

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|----|---------------|
| D | 40mm +1mm |
| L | 45mm +/-2mm |
| S | 10mm +/-0.1mm |
| LL | 4mm +/-1mm |
| F | 2mm +/-0.1mm |

Packaging Specifications

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

Specifications

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|-----------------------|--|
| Capacitance | 470 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 | 428 mOhms (100Hz 20C), 312 mOhms (10kHz 20C) |
| Ripple Current | 2.926 Amps (100Hz 105C), 6.336 Amps (10kHz 105C) |
| Leakage Current | 705 uA (5min 20°C) |

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