

ALC40G122FP450

ALC40, Aluminum, Aluminum Electrolytic, 1,200 uF, 20%, 450 VDC, -40/+105°C, 25 mm



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

General Information

| | |
|--------------------------|--------------------------------|
| Series | ALC40 |
| Dielectric | Aluminum Electrolytic |
| Description | Snap-In, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 5 Pin |
| AEC-Q200 | No |
| Typical Component Weight | 215 g |
| Shelf Life | 156 Weeks |

Dimensions

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|----|---------------|
| D | 45mm +1mm |
| L | 105mm +/-2mm |
| S | 25mm +/-0.1mm |
| LL | 6.3mm +/-1mm |
| F | 2mm +/-0.1mm |

Packaging Specifications

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

Specifications

| | |
|-------------------|--|
| Capacitance | 1,200 uF |
| Tolerance | 20% |
| Voltage DC | 450 VDC, 495 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 | 105 mOhms (100Hz 20C), 71 mOhms (10kHz 20C) |
| Ripple Current | 5.84 Amps (100Hz 105C), 11.64 Amps (10kHz 105C) |
| Leakage Current | 1620 uA (5min 20°C) |

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