

ALC80H202KP450

ALC80, Aluminum, Aluminum Electrolytic, 2,000 uF, 20%, 450 VDC, -40/+105°C, 25 mm



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

General Information

| | |
|--------------------------|-------------------------------------|
| Series | ALC80 |
| Dielectric | Aluminum Electrolytic |
| Description | Snap-In, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 5 Pin Short |
| AEC-Q200 | No |
| Halogen Free | Yes |
| Typical Component Weight | 310 g |
| Notes | Dimensions D And L Include Slewing. |
| Shelf Life | 156 Weeks |

Specifications

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|-------------------|--|
| Capacitance | 2,000 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 | 84.28 mOhms (100Hz 20C), 54.79 mOhms (10kHz 20C) |
| Ripple Current | 7.582 Amps (100Hz 105C), 15.77 Amps (10kHz 105C) |
| Leakage Current | 2700 uA (5min 20°C) |

Dimensions

| | |
|----|---------------|
| D | 50mm +1mm |
| L | 105mm +/-2mm |
| S | 25mm +/-0.1mm |
| LL | 4mm +/-1mm |
| F | 2mm +/-0.1mm |

Packaging Specifications

| | |
|-----------|-----------|
| Slewing | Yes |
| Packaging | Bulk, Bag |

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