

ALC10C681DL450

ALC10, Aluminum, Aluminum Electrolytic, 680 uF, 20%, 450 VDC, -40/+85°C, 22.5 mm



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| General Information | |
|--------------------------|-------------------------------------|
| Series | ALC10 |
| Dielectric | Aluminum Electrolytic |
| Description | Snap-In, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 4 Pin |
| AEC-Q200 | No |
| Typical Component Weight | 105 g |
| Notes | Dimensions D And L Include Slewing. |
| Shelf Life | 156 Weeks |

| Dimensions | |
|------------|-----------------|
| D | 35mm +1mm |
| L | 80mm +/-2mm |
| S | 22.5mm +/-0.1mm |
| LL | 6.3mm +/-1mm |
| F | 2mm +/-0.1mm |

| Packaging Specifications | |
|--------------------------|------|
| Slewing | Yes |
| Packaging | Tray |

| Specifications | |
|-------------------|---|
| Capacitance | 680 uF |
| Tolerance | 20% |
| Voltage DC | 450 VDC, 495 VDC (Surge) |
| Temperature Range | -40/+85°C |
| Rated Temperature | 85°C |
| Life | 15000 Hrs (Rated Voltage And Ripple Current At 85C), 24000 Hrs (Rated Voltage At 85C) |
| ESR | 190 mOhms (100Hz 20C), 131 mOhms (10kHz 20C) |
| Ripple Current | 3.61 Amps (100Hz 85C), 6.09 Amps (10kHz 85C) |
| Leakage Current | 1836 uA (5min 20°C) |

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