

ALC80E102DF250

ALC80, Aluminum, Aluminum Electrolytic, 1,000 uF, 20%, 250 VDC, -40/+105°C, 22.5 mm



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| General Information | |
|--------------------------|-------------------------------------|
| Series | ALC80 |
| Dielectric | Aluminum Electrolytic |
| Description | Snap-In, Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 4 Pin Short |
| AEC-Q200 | No |
| Halogen Free | Yes |
| Typical Component Weight | 80 g |
| Notes | Dimensions D And L Include Slewing. |
| Shelf Life | 156 Weeks |

| Dimensions | |
|------------|-----------------|
| D | 35mm +1mm |
| L | 50mm +/-2mm |
| S | 22.5mm +/-0.1mm |
| LL | 4mm +/-1mm |
| F | 2mm +/-0.1mm |

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

| Specifications | |
|-------------------|--|
| Capacitance | 1,000 uF |
| Tolerance | 20% |
| Voltage DC | 250 VDC, 288 VDC (Surge) |
| Temperature Range | -40/+105°C |
| Rated Temperature | 105°C |
| Life | 8000 Hrs (Rated Voltage And Ripple Current At 105C), 13000 Hrs (Rated Voltage At 105C) |
| ESR | 178.2 mOhms (100Hz 20C), 106.1 mOhms (10kHz 20C) |
| Ripple Current | 3.456 Amps (100Hz 105C), 7.521 Amps (10kHz 105C) |
| Leakage Current | 750 uA (5min 20°C) |

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