

ALF20C181DC500

ALF20, Aluminum, Aluminum Electrolytic, 180 uF, 20%, 500 VDC, -40/+85°C, 22.5 mm



Please see datasheet for details on PCB hole size and tolerance

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

General Information

| | |
|--------------------------|-----------------------------|
| Series | ALF20 |
| Dielectric | Aluminum Electrolytic |
| Style | Press-Fit |
| Description | Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 4 Pin Press-Fit |
| Typical Component Weight | 50 g |
| Notes | Dimensions Include Slewing. |
| Shelf Life | 156 Weeks |

Dimensions

| | |
|----|--------------------|
| D | 35mm +1mm |
| L | 35mm +/-2mm |
| S | 22.5mm +/-0.1mm |
| LL | 5.5mm +/-1mm |
| F | 1.486mm +/-0.076mm |

Packaging Specifications

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|--------------------|------|
| Packaging | Bulk |
| Packaging Quantity | 100 |

Specifications

| | |
|-------------------|---|
| Capacitance | 180 uF |
| Tolerance | 20% |
| Voltage DC | 500 VDC, 550 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 | 728 mOhms (100Hz 20C), 549 mOhms (10kHz 20C) |
| Ripple Current | 1.7 Amps (100Hz 85C), 2.84 Amps (10kHz 85C) |
| Leakage Current | 540 uA (5min 20°C) |

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