

ALF80G152KP500

ALF80, Aluminum, Aluminum Electrolytic, 1,500 uF, 20%, 500 VDC, -40/+105°C, 25 mm



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

General Information

| | |
|--------------------------|-------------------------------------|
| Series | ALF80 |
| Dielectric | Aluminum Electrolytic |
| Style | Press-Fit |
| Description | Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 5 Pin Press-Fit |
| AEC-Q200 | No |
| Typical Component Weight | 310 g |
| Notes | Dimensions D And L Include Slewing. |
| Shelf Life | 156 Weeks |

Specifications

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|-------------------|--|
| Capacitance | 1,500 uF |
| Tolerance | 20% |
| Voltage DC | 500 VDC, 550 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 | 136.4 mOhms (100Hz 20C), 97.63 mOhms (10kHz 20C) |
| Ripple Current | 6.62 Amps (100Hz 105C), 13.91 Amps (10kHz 105C) |
| Leakage Current | 2250 uA (5min 20°C) |

Dimensions

| | |
|----|--------------------|
| D | 50mm +1mm |
| L | 105mm +/-2mm |
| S | 25mm +/-0.1mm |
| LL | 5.5mm +/-1mm |
| F | 1.486mm +/-0.076mm |

Packaging Specifications

| | |
|-----------|------|
| Slewing | Yes |
| Packaging | Bulk |

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