



Please see datasheet for details on PCB hole size and tolerance

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

General Information

| | |
|--------------------------|-----------------------------|
| Series | ALF40 |
| Dielectric | Aluminum Electrolytic |
| Style | Press-Fit |
| Description | Aluminum Electrolytic |
| RoHS | Yes |
| Lead | 4 Pin Press-Fit |
| Typical Component Weight | 131 g |
| Notes | Dimensions Include Slewing. |
| Shelf Life | 156 Weeks |

| Dimensions | |
|------------|--------------------|
| D | 40mm +1mm |
| L | 80mm +/-2mm |
| S | 22.5mm +/-0.1mm |
| LL | 5.5mm +/-1mm |
| F | 1.486mm +/-0.076mm |

| Packaging Specifications | |
|--------------------------|------|
| Packaging | Bulk |
| Packaging Quantity | 36 |

| Specifications | |
|-------------------|--|
| Capacitance | 47,000 uF |
| Tolerance | 20% |
| Voltage DC | 40 VDC, 46 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 | 23 mOhms (100Hz 20C), 21 mOhms (10kHz 20C) |
| Ripple Current | 10.42 Amps (100Hz 105C), 10.59 Amps (10kHz 105C) |
| Leakage Current | 5640 uA (5min 20°C) |

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