



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 | 170 g                       |
| Notes                    | Dimensions Include Slewing. |
| Shelf Life               | 156 Weeks                   |

**Dimensions**

|    |                    |
|----|--------------------|
| D  | 40mm +1mm          |
| L  | 105mm +/-2mm       |
| S  | 22.5mm +/-0.1mm    |
| LL | 5.5mm +/-1mm       |
| F  | 1.486mm +/-0.076mm |

**Packaging Specifications**

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

**Specifications**

|                   |   |
|-------------------|---|
| Capacitance       | 39,000 uF   |
| Tolerance         | 20%   |
| Voltage DC        | 63 VDC, 72.5 VDC (Surge)  |
| Temperature Range | -40/+85°C   |
| Rated Temperature | 85°C  |
| Life              | 18000 Hrs (Rated Voltage And Ripple Current At 85C), 29000 Hrs (Rated Voltage At 85C) |
| ESR               | 19 mOhms (100Hz 20C), 17 mOhms (10kHz 20C)  |
| Ripple Current    | 12.23 Amps (100Hz 85C), 13.51 Amps (10kHz 85C)  |
| Leakage Current   | 6000 uA (5min 20°C)   |

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