High current filters are ideal for use in high current 5 volt logic buss, but also can be used for ±48 VDC telephone rack buss, high current switch mode power supplies and DC charging systems. High voltage filters find use in high voltage power supplies and applications requiring U.L. Hi-Pot.

**Features**
- Current ratings up to 100 Amps
- Continuous voltage ratings up to 1250 VDC/240 VAC (400Hz)
- U.L. 1459 recognized and CSA C22.2 approved versions available
- Rugged bolt-in style for easy installation

**Installation Notes**
for Figure 1 & 2 — see below (Figure 3 see page CF6)

1. Mounting installation torque
   - **Method A:** Mounting in full threaded through-hole
     - **Maximum torque:** 96 in-lbs
   - **Method B:** Mounting w/hardware
     - **Maximum torque:** 84 in-lbs

2. Terminal installation torque
   - **Maximum torque:** 20 in-lbs
   - Note: Use two-wrench method to install terminal hardware

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**Figure 1**
- 

**Figure 2**
- 

**Figure 3**
- Dimensions in inches (mm)
High Current High Voltage Feed-through

## Specifications

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Figure</th>
<th>Rated Voltage 125°C</th>
<th>I Amp</th>
<th>CKT</th>
<th>Min Cap</th>
<th>1 MHz</th>
<th>3 MHz</th>
<th>10 MHz</th>
<th>30 MHz</th>
<th>100 MHz</th>
<th>300 MHz</th>
<th>1 GHz</th>
<th>10 GHz</th>
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<td>1</td>
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<td>—</td>
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<td>C</td>
<td>0.22 µF</td>
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<td>30</td>
<td>40</td>
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</table>

+ Also available through API’s authorized distributors.
€ Also available through API’s authorized European distributors/agents.
* Denotes parts that are UL recognized to UL 60950 and certified to CSA C22.2
** Denotes parts that meet 1500 VAC Dielectric Withstanding Voltage per UL 1283 and CSA C22.2
*** AC Voltage to be 400Hz

- Dimensions in inches (mm)
- Minimum Insertion Loss (dB)

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**Note:**
- Measurements are approximate and may vary slightly due to manufacturing tolerances.
- All dimensions are provided for reference purposes and may not be accurate in all applications.
- For more detailed specifications, please refer to the official API Technologies catalog or contact customer support.

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LP25