**Features**

- This tool is designed to extract many different terminals from various plug and receptacle housings.

**Scope**

**Products:** See chart below.

<table>
<thead>
<tr>
<th>Terminal Series No.</th>
<th>Description</th>
<th>Housing Series No.</th>
<th>Terminal Order No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1508</td>
<td>Flat Blade Female, 14-18 AWG or 18 AWG DBL Crimp</td>
<td>2139 2574 3069 5239 5265 6422 41695</td>
<td>08-50-0001 08-50-0006 08-50-0014 08-50-0015 08-50-0016 08-50-0045</td>
</tr>
<tr>
<td>3.96mm (.156&quot;) Pitch KK Crimp Terminal 18-24 AWG</td>
<td>2139 2574 3069 5239 5265 6422 41695</td>
<td>08-50-0012 08-50-0012 08-50-0021 08-50-0022 08-50-0023 08-50-0024</td>
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</tr>
<tr>
<td>2478</td>
<td>3.96mm (.156&quot;) Pitch KK Crimp Terminal 18-24 AWG</td>
<td>2139 2574 3069 5239 5265 6422 41695</td>
<td>08-50-0019 08-50-0024 08-50-0033 08-50-0034 08-50-0035 08-50-0036</td>
</tr>
<tr>
<td>2578</td>
<td>3.96mm (.156&quot;) Pitch KK Trifurcon Terminal 22-26 AWG</td>
<td>2139 2574 3069 5239 5265 6422 41695</td>
<td>08-50-0022 08-50-0023 08-50-0038 08-50-0039 08-50-0040 08-50-0041</td>
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<tr>
<td>6838</td>
<td>3.96mm (.156&quot;) Pitch KK Trifurcon, 18-20 AWG</td>
<td>2139 2574 3069 5239 5265 6422 41695</td>
<td>08-50-0023 08-50-0024 08-50-0032 08-50-0033 08-50-0034 08-50-0035</td>
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<tr>
<td>7258</td>
<td>3.96mm (.156&quot;) Pitch KK Trifurcon, 22-26 AWG</td>
<td>2139 2574 3069 5239 5265 6422 41695</td>
<td>08-50-0025 08-50-0026 08-50-0034 08-50-0035 08-50-0036 08-50-0037</td>
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<td>45570</td>
<td>3.96mm (.156&quot;) Pitch MarkKK Trifurcon, 18-20 AWG</td>
<td>2139 2574 3069 5239 5265 6422 41695</td>
<td>08-50-0028 08-50-0029 08-50-0036 08-50-0037 08-50-0038 08-50-0039</td>
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<tr>
<td>45606</td>
<td>3.96mm (.156&quot;) Pitch KK Humpback with Anti-Fish Hook 18 AWG</td>
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<td>08-50-0031 08-50-0032 08-50-0040 08-50-0041 08-50-0042 08-50-0043</td>
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<tr>
<td>50639</td>
<td>2.00mm (.079&quot;) Pitch Crimp Terminal, Male</td>
<td>2139 2574 3069 5239 5265 6422 41695</td>
<td>08-50-0034 08-50-0035 08-50-0042 08-50-0043 08-50-0044 08-50-0045</td>
</tr>
<tr>
<td>50837</td>
<td>2.50mm (.098&quot;) Pitch Mini-Lock</td>
<td>2139 2574 3069 5239 5265 6422 41695</td>
<td>08-50-0037 08-50-0038 08-50-0045 08-50-0046 08-50-0047 08-50-0048</td>
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<tr>
<td>172160</td>
<td>3.96mm Pitch EdgeMate18-20AWG</td>
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<td>08-50-0040 08-50-0041 08-50-0042 08-50-0043 08-50-0044 08-50-0045</td>
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<td>172253</td>
<td>Ultra-Fit Receptacle Terminals16-22 AWG</td>
<td>2139 2574 3069 5239 5265 6422 41695</td>
<td>08-50-0046 08-50-0047 08-50-0048 08-50-0049 08-50-0050 08-50-0051</td>
</tr>
</tbody>
</table>

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Revision: L Revision Date: 05-29-19
Note: All Individual terminals may be extracted from the housing using this tool.

OPERATION

1. Insert the extraction tool into the slot on the bottom of the connector housing as shown in Figure 1.

2. Depress the terminal locating tab, push the terminal back through the connector slot and pull the terminated wire out in the direction of the arrow as shown.

3. On housings without exposed locking tab windows, insert as shown in Figure 2 to depress the locking tab and pull the wire out.

Note

If the terminal does not extract, reinsert the extraction tool as shown in Figure 2 and slightly rotate clockwise and counterclockwise several times to depress the locking tab. Pull on the wire to extract the terminal.

For 50837 Terminal Series

1. For terminal series 50837, push the terminal forward in the direction of the arrow before using the extraction tool.
2. Insert the tip of the extraction tool below the pin of the terminal in the front end opening of the connector.
3. Push the extraction tool forward, between the terminal and locking latch in the housing, until it stops. This will separate the latch from the terminal.
4. Depress the locking latch and pull the wire and terminal back through the connector slot. See Figure 3.

Note: Figure 3 does not show an exact representation of the 51198 housing.
For 172253 Terminal Series

1. Push the terminal forward in the direction of the arrow before using the extraction tool as shown in Figure 4.
2. Insert the extraction tool into the slot on the side of the connector housing.
3. Depress the terminal locking tang and push the terminal back through the connector slot.
4. Pull the terminated wire out. See Figure 4.

**CAUTION:** This extraction tool should be used to extract the terminal only. Using it for unintended purposes may cause injury or damage to parts. Be careful not to deform the end of the terminal.

**CAUTION:** Molex specifications are valid only when used with Molex terminals, applicators and tooling.

Molex does not offer repair parts for extraction tools due to the inexpensive nature of these tools.

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Application Tooling Support

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**E-Mail:** applicationtooling@molex.com
**Website:** www.molex.com/applicationtooling

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