Clip Connectors
Made for the LED Professional

- Eliminate the cost of hand soldering
- Eliminate the need for cutting wires
- Testing performed from 3 amps to 13 amps
- Thinner design - 1.1 - 1.4 mm so component can be placed alongside LEDs
- No lighting gaps caused by the difference in distance of LED positioning when using clip connectors in modular designs

Design tips are available from Harwin to achieve maximum current flow for your design.

Achieve best current level rating using our S8071-46R and S07-46 (short bar) combination alongside placing clips close to the edge of the PCB.

Clips supplied in tape and reel packaging with pick and place areas to automate production and reduce costs.

www.harwin.com
**VERTICAL CLIP**

- **Specification**
  - Material: Stainless Steel
  - Finish: Tin
  - Packaging format: Tape & Reel (10,000 on a Ø330mm reel)

- **Recommended PC Board Pattern**
  - 2 x 0.55
  - 1.10
  - 23mm

- **ORDER CODE**
  - S8071-46R

**23mm LONG REMOVABLE BAR**

- **Specification**
  - Material: Phosphor Bronze
  - Finish: Tin
  - Packaging format: Loose

- **Recommended PC Board Pattern**
  - Ø0.70
  - 23.00

- **ORDER CODE**
  - S07-46

**HORIZONTAL CLIP**

- **Specification**
  - Material: Stainless Steel
  - Finish: Tin
  - Packaging format: Tape & Reel (10,000 on a Ø330mm reel)

- **Recommended PC Board Pattern**
  - 2 x 0.60
  - 1.50

- **ORDER CODE**
  - S8081-46R

**15mm LONG REMOVABLE BAR**

- **Specification**
  - Material: Phosphor Bronze
  - Finish: Tin
  - Packaging format: Loose

- **Recommended PC Board Pattern**
  - Ø0.70
  - 15.00

- **ORDER CODE**
  - S08-46

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**CLIPS**

<table>
<thead>
<tr>
<th></th>
<th>S8071-46R</th>
<th>S8081-46R</th>
<th>S07-46</th>
<th>S08-46</th>
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<tbody>
<tr>
<td>Packaging</td>
<td>10,000 per reel</td>
<td>100 Components per bag</td>
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<tr>
<td>Finish</td>
<td>1.0µ to 3.0µ Tin over 0.4µ to 1.5µ Nickel</td>
<td>2µ to 6µ Tin over 1µ to 4µ Nickel</td>
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<tr>
<td>Voltage rating</td>
<td>250V AC/DC</td>
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<tr>
<td>Insertion force</td>
<td>25N MAX (Initial)</td>
<td>12N MAX (Initial)</td>
<td>N/A</td>
<td>N/A</td>
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<td>Withdrawal force</td>
<td>8N MIN (Initial)</td>
<td>4N MIN (Initial)</td>
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<tr>
<td>Durability</td>
<td>10 CYCLES MAX to maintain stated forces</td>
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<tr>
<td>Operating temperature</td>
<td>-40°C to +85°C</td>
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**BAR**

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