This is a wire to board connector with secure locking device used for power supply of LED.

- Low profile design
- Secure locking structure
- Halogen-free

**Specifications**

- Current rating: 1.0 A AC/DC (AWG #28)
- Voltage rating: 125 V AC/DC
- Temperature range: -25°C to +85°C (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 20 mΩ max. After environmental tests/ 40 mΩ max.
- Insulation resistance: 100 MΩ min.
- Withstanding voltage: 500 VAC/minute
- Applicable wire: Conductor size/ AWG #32 to #28 Insulation O.D./ 0.54 to 0.8 mm

* In using the products, refer to "Handling Precautions for Terminals and Connectors" described on our website (Technical documents of Product information page).  
* RoHS2 compliance  
* Dimensional unit: mm  
* Contact JST for details.

**Standards**

- Recognized E 60389

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**PC board layout and Assembly layout**

* Top entry type
* Side entry type

**Note:**
1. The above figure is the figure viewed from the connector mounting side.  
2. Tolerances are non-cumulative: ± 0.05 mm for all centers. The dimensions above should serve as a guideline. Contact JST for details.
**SHJ CONNECTOR**

### Contact

![Contact Diagram]

**RoHS2 compliance**

Phosphor bronze, tin-plated (reflow treatment)

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Applicable wire (mm)</th>
<th>Insulation O.D. (mm)</th>
<th>Q'ty/reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSHJ-003T-P0.2</td>
<td>0.032~0.08</td>
<td>32~28</td>
<td>0.54~0.8</td>
</tr>
</tbody>
</table>

### Housing

![Housing Diagram]

**RoHS2 compliance**

PBT, UL94V-0, natural (white)

### Header

**Top entry type**

![Top entry Type Diagram]

**Side entry type**

![Side entry Type Diagram]

**RoHS2 compliance**

Note: The product listed above are supplied on embossed-tape.

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**Note:**
1. The above contact can be crimped by our genuine dies for the existing SH connector contact.
2. Contact JST for fully automatic crimping applicator.

<table>
<thead>
<tr>
<th>No. of circuits</th>
<th>Model No.</th>
<th>Dimensions (mm)</th>
<th>Q'ty/bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>SHJP-02V-S(HF)</td>
<td>1 5 6.6</td>
<td>1,000</td>
</tr>
<tr>
<td>6</td>
<td>SHJP-06V-S(HF)</td>
<td>5 9 10.6</td>
<td>1,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>No. of circuits</th>
<th>Model No.</th>
<th>Dimensions (mm)</th>
<th>Q'ty/reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>BM06B-SHJS-TB(HF)</td>
<td></td>
<td>2,500</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>No. of circuits</th>
<th>Model No.</th>
<th>Dimensions (mm)</th>
<th>Q'ty/reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>SM02B-SHJH-TF(HF)</td>
<td>1 3.9 5</td>
<td>3,500</td>
</tr>
<tr>
<td>6</td>
<td>SM06B-SHJH-TF(HF)</td>
<td>5 7.9 9</td>
<td>3,500</td>
</tr>
</tbody>
</table>

**Material and Finish**

- Base contact: Brass, tin-plated (reflow treatment)
- Base housing (Top entry type): PA 4T, natural
- Base housing (Side entry type): PA 6T, gray
- Solder tabs: Brass, tin-plated (reflow treatment)

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PHOTO: Dr. H. J. Smith (Professor of Electrical Engineering)