Considering about luminescence property of LED device, this LEB connector is designed as low profile type connector (height: 2.7mm) for LED lighting, and achieves the space saving. The horizontal connection between PCBs enables and the mechanism of absorbing the PCB misalignment has been installed considering the parallel use for the connector. Fork type contact that has a high contact pressure (receptacle side) and enough mating stroke provide the stable contact performance even if the PCB expands and contracts due to heat.

Specifications

<For board-to-board>
- Current rating: 3A AC, DC
- Voltage rating: 300V AC, DC
- Temperature range: -55°C to +105°C (including temperature rise in applying electrical current)
- Contact resistance: Initial value/20m Ω max. After environmental testing/40m Ω max.
- Insulation resistance: 1,000M Ω min.
- Withstanding voltage: 1,700V AC/minute

<For disconnectable crimp style>
- Current rating: 3A AC, DC (AWG #22)
- Voltage rating: 300V AC, DC
- Temperature range: -55°C to +105°C (including temperature rise in applying electrical current)
- Contact resistance: Initial value/20m Ω max. After environmental testing/40m Ω max.
- Insulation resistance: 1,000M Ω min.
- Withstanding voltage: 1,700V AC/minute
- Applicable wire: Conductor size/ AWG #26 to #22 Insulation O.D./0.95 to 1.3mm

* Compliant with RoHS.
* Refer to “General Instruction and Notice when using Terminals and Connectors” at the end of this catalog.
* Contact JST for details.

Standards
- Recognized E60389
- Certified LR20812

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

### Plug

<table>
<thead>
<tr>
<th>Circuits</th>
<th>Model No.</th>
<th>Q'ty / reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>01P-LEBSS-TF</td>
<td>2,000</td>
</tr>
<tr>
<td>2</td>
<td>02P-LEBSS-TF</td>
<td>2,000</td>
</tr>
</tbody>
</table>

**Material and Finish**

Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment)
Housing: PA 9T, UL94V-0, white
Solder tab: Copper alloy, tin-plated (reflow treatment)

**RoHS compliance** This product displays (LF)/(SN) on a label.
Note: The products listed above are supplied on embossed-tape.

### Receptacle

<table>
<thead>
<tr>
<th>Circuits</th>
<th>Model No.</th>
<th>Q'ty / reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>01R-LEBSS-TB</td>
<td>2,000</td>
</tr>
<tr>
<td>2</td>
<td>02R-LEBSS-TB</td>
<td>2,000</td>
</tr>
</tbody>
</table>

**Material and Finish**

Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment)
Housing: PA 9T, UL94V-0, white
Solder tab: Copper alloy, tin-plated (reflow treatment)

**RoHS compliance** This product displays (LF)/(SN) on a label.
Note: The products listed above are supplied on embossed-tape.
LEB CONNECTOR

Contact

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Applicable wire</th>
<th>Q'ty / reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLEB-001T-P0.2</td>
<td>0.13—0.33 mm²</td>
<td>15,000</td>
</tr>
</tbody>
</table>

Material and Finish
Copper alloy, tin-plated (reflow treatment)

RoHS compliance

<table>
<thead>
<tr>
<th>Contact</th>
<th>Crimping machine</th>
<th>Applicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLEB-001T-P0.2</td>
<td>AP-K2N</td>
<td>MK/SLEB-001-02</td>
</tr>
</tbody>
</table>

Housing

<table>
<thead>
<tr>
<th>Circuits</th>
<th>Model No.</th>
<th>Q'ty / bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LEBRP-01V-S</td>
<td>2,000</td>
</tr>
<tr>
<td>2</td>
<td>LEBRP-02V-S</td>
<td>2,000</td>
</tr>
</tbody>
</table>

Material
PBT, UL94V-0, natural

RoHS compliance