Considering that the connector does not affect the luminescence angle of LED chip, this low profile type connector (height: 3mm) is designed for connection to LED lamp and realized space saving. A secure locking mechanism is arranged to this connector in order to consider the handling of wire in actual use, although this is a low profile.

- Secure locking mechanism
- Mechanism for preventing inverse insertion
- Contact lance

**Specifications**

- 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/ 10m Ω max. After environmental testing/ 20m Ω max.
- Insulation resistance: 1,000M Ω min.
- Withstanding voltage: 1,700V AC/minute
- Applicable wire: Conductor size/ AWG #30 to #22 Insulation O.D./ 0.7 to 1.3mm

* Compliant with RoHS.
* Halogen-free products are also available.
* 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.
Contact

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Applicable wire</th>
<th>Q'ty / reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSFH-001T-P0.5</td>
<td>0.13—0.33</td>
<td>26—22</td>
</tr>
<tr>
<td>SSFH-002T-P0.5</td>
<td>0.05—0.13</td>
<td>30—26</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>
<th>Crimp applicator with dies</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSFH-001T-P0.5</td>
<td>AP-K2N</td>
<td>MKS-L</td>
<td>MK/SFFH-001-05</td>
</tr>
<tr>
<td>SSFH-002T-P0.5</td>
<td>AP-K2N</td>
<td>MKS-L</td>
<td>MK/SFFH-002-05</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>2</td>
<td>LEAR-02V-S</td>
<td>2,000</td>
</tr>
</tbody>
</table>

Material
PBT, UL94V-0, natural

RoHS compliance

<table>
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<tr>
<th>Circuits</th>
<th>Model No.</th>
<th>Q'ty / reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>SM02B-LEASS-TF</td>
<td>2,000</td>
</tr>
</tbody>
</table>

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

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