SFH CONNECTOR
1.8mm pitch/Disconnectable Crimp style connectors

This low profile type connector with height of 3.0mm is designed for connection to stroboscope flash and realized space saving.

• Contact lance
• Countermeasure for inverse insertion and locking feature

Specifications

• Current rating: 4A AC, DC (AWG #22)
• Voltage rating: 350V AC, DC
• Temperature range: -25°C to +85°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.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

Model No. | Applicable wire | Q’ty / reel |
---|---|---|
SSFH-001T-P0.5 | 0.13—0.33 mm², 26—22 AWG | 15,000 |
SSFH-002T-P0.5 | 0.05—0.13 mm², 30—26 AWG | 15,000 |

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>SSFH-001T-P0.5</td>
<td>AP-K2N</td>
<td>MK5-L, MK-SSFH-001-05, APLMK SSFH001-05</td>
</tr>
<tr>
<td>SSFH-002T-P0.5</td>
<td>AP-K2N</td>
<td>MK5-L, MK-SSFH-002-05, APLMK SSFH002-05</td>
</tr>
</tbody>
</table>

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

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

**Material**

Thermoplastic resin, UL94V-0

**RoHS compliance**

For availability, delivery and minimum order quantity, contact JST.

ex. SFHR-02V-R

R…red
L…lemon yellow

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**Shrouded header**

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

**Material and Finish**

- Press pin: Copper alloy, copper-undercoated, tin-plated (reflow treatment)
- Wafer: Heat resisting resin, UL94V-0
- Solder tab: Copper alloy, copper-undercoated, tin-plated (reflow treatment)

**RoHS compliance**

This product displays (LF)(SN) on a label.

For availability, delivery and minimum order quantity, contact JST.

ex. SM02B-SFHRS-TF

R…red
L…lemon yellow