SH CONNECTOR
1.0mm pitch/Disconnectable Crimp style connectors

Specifications

- Current rating: 1.0 A AC, DC (AWG #28)
- Voltage rating: 50 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./ 0.4 to 0.8 mm

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

Standards

- Recognized E60389
- Certified LR20812

Contact

Model No. | Applicable wire | Qty / reel
---|---|---
SSH-003T-P0.2-H | 0.032—0.08 | 32—28 | 0.4—0.8 | 23,000

Material and Finish

- Phosphor bronze, tin-plated (reflow treatment)

RoHS compliance

Note: Contact JST for gold-plated products.

<table>
<thead>
<tr>
<th>Contact</th>
<th>Crimping machine</th>
<th>Applicator</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSH-003T-P0.2-H</td>
<td>AP-K2H</td>
<td>MKS-L-10-3 MK/SSH/L-003-02</td>
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<td></td>
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<td>APLMK SSH/L003-02</td>
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<td></td>
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<td>MK/SSH-SC MKS/SC</td>
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<td>APLSC SSH/L003-02</td>
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</tbody>
</table>

Note: *Strip-crimp applicator

Contact JST for applicable wires in case that it is not usable due to wire size.

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: ±0.05mm for all centers.
3. The dimensions above should serve as a guideline. Contact JST for details.

The world’s first 1.0mm pitch crimp style connector.

- Compact, low profile design
- Compatible with the SR insulation displacement connectors
- Housing lances
SH CONNECTOR

Housing

With protrusions

Without protrusions

Shrouded header

The shrouded headers are interchangeable with those of the SR insulation displacement connectors.

Top entry type

Side entry type

Material

RoHS compliance

Material and Finish

Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment)

Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

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

Note: 1. The products listed above are supplied on embossed-tape.

2. Contact JST for the headers with gold-plated pins.

3. Contact JST for the top entry type headers with suction cap.