**Specifications**

- **Current rating:** 0.7A DC
- **Voltage rating:** 50V DC
- **Temperature range:** -25°C to +85°C (including temperature rise in applying electrical current)
- **Contact resistance:** Initial value/20mΩ max.
  After environmental testing/40mΩ max.
- **Insulation resistance:** 100MΩ min.
- **Withstanding voltage:** 500V AC/minute
- **Applicable wire:** Conductor size/AWG #30
  Conductor/7 strands, tin-coated annealed copper
  Insulation O.D./0.54 to 0.58mm
- *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

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**Journal of Science and Technology**

1. Tolerances are non-cumulative: ± 0.05mm for all centers.
2. Dimensions above should serve as a guideline. Contact JST for details.
3. Hole dimensions differ according to the kind of PC board and piercing method.
4. If using double-sided through-hole PC board, it is necessary to confirm the resistance to the soldering heat on the PC board to be used and the soldering condition. Single sided paper based phenolic resin copper-clad PC board (t1.6) is recommended for a PCB used.
SR/SZ CONNECTOR

Socket

Header (Through-hole type)
**SR/SZ CONNECTOR**

### Header (SMT type)

#### Side entry type

![Diagram of side entry type header]

#### Top entry type

![Diagram of top entry type header]

<table>
<thead>
<tr>
<th>No. of circuits</th>
<th>Model No.</th>
<th>Dimensions (mm)</th>
<th>Qty / reel</th>
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<td>Top entry type</td>
<td>Side entry type</td>
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<td>B</td>
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</tbody>
</table>

**Material and Finish**

- Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment)
- Wafer: PA, UL94V-0, natural
- 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 top entry type headers with suction cap.