Developed for PDP, LCD or small electronics equipment. This low insertion force type connector realizes easier mating operation. The basic concept of the contact part of this connector is equivalent to the performance proven SHL connector.

- Secure locking structure
- Contact lock structure
- Prevention of contact deformation
- Clear engagement click sounds

Specifications

- Current rating: 1.0 A AC, DC (AWG #26)
- Voltage rating: 50 V AC, DC
- Temperature range: -25˚C to +85˚C (including temperature rise in applying electrical current)
- Contact resistance: Initial value/30 mΩ max.
  After environmental tests/50 mΩ max.
- Insulation resistance: 100 MΩ min.
- Withstanding voltage: 500V AC/minute
- Applicable wire: Conductor size/AWG #30 to #26
  Insulation O.D./0.76 to 1.0 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

PC board layout and Assembly layout

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

Contact

RoHS compliance

Note: 1. Contact JST for gold-plates products.
   2. This contact can be applied only for GH connector.
      SSHL-003( )-P0.2 cannot be applied for GH connector.

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Applicable wire</th>
<th>Insulation O.D.</th>
<th>Qty/reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSHL-002T-P0.2</td>
<td>0.05—0.13</td>
<td>26</td>
<td>30—26</td>
</tr>
</tbody>
</table>

Material and Finish

Phosphor bronze, Sn-plated (nickel treatment)

RoHS compliant

Note: 1. Contact JST for gold-plates products.
   2. This contact can be applied only for GH connector.
      SSHL-003( )-P0.2 cannot be applied for GH connector.

<table>
<thead>
<tr>
<th>Contact</th>
<th>Crimping machine</th>
<th>Applicator</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Crimp applicator</td>
<td>Dies</td>
</tr>
<tr>
<td>SSHL-002T-P0.2</td>
<td>AP-K2N</td>
<td>MKS-L-10-3</td>
</tr>
</tbody>
</table>
**Housing**

![Diagram of Housing](image)

- **Model No.:** GHR-xxV-S
- **Dimensions (mm):**
  - Model No.: GHR-02V-S
    - A: 1.25
    - B: 3.75
  - Model No.: GHR-03V-S
    - A: 2.50
    - B: 5.00
  - Model No.: GHR-04V-S
    - A: 3.75
    - B: 6.25
  - Model No.: GHR-05V-S
    - A: 5.00
    - B: 7.50
  - Model No.: GHR-06V-S
    - A: 6.25
    - B: 8.75
  - Model No.: GHR-07V-S
    - A: 7.50
    - B: 10.00
  - Model No.: GHR-08V-S
    - A: 8.75
    - B: 11.25
  - Model No.: GHR-09V-S
    - A: 10.00
    - B: 12.50
  - Model No.: GHR-10V-S
    - A: 11.25
    - B: 13.75
  - Model No.: GHR-11V-S
    - A: 12.50
    - B: 15.00
  - Model No.: GHR-12V-S
    - A: 13.75
    - B: 16.25
  - Model No.: GHR-13V-S
    - A: 15.00
    - B: 17.50
  - Model No.: GHR-14V-S
    - A: 16.25
    - B: 18.75
  - Model No.: GHR-15V-S
    - A: 17.50
    - B: 20.00

**RoHS compliance**

- **Material:** PBT, UL34V-0, natural (white)

**Shrouded header**

- **Top entry type**

![Diagram of Top entry type](image)

- **Side entry type**

![Diagram of Side entry type](image)

- **Model No.:** BM028-GHS-TBT, SM028-GHS-TBT
- **Dimensions (mm):**
  - BM028-GHS-TBT: A: 4.25, B: 0.7
  - SM028-GHS-TBT: A: 4.25, B: 0.7

**RoHS compliance**

- This product displays (LF)(SN) on a label.
- **Material and Finish:** Contact JST for gold-plated products.
- **Contact:** Phosphor bronze, copper-undercoated, tin-plated (yellow treatment)
- **Housing:** PBT, UL34V-0, natural (ivory)
- **Solder tab:** Brass, copper-undercoated, tin-plated

**Ex.:** BM04B-GHS-TBT

- S...natural (ivory)  LE...light blue  TR...tomato red  K...black
- E...blue  O...orange  L...lemon yellow  MG...moss green  DPK...dark pink