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: 500 VAC/minute
- Applicable wire: Conductor size/ AWG #30 to #26
  Insulation O.D./ 0.76 to 1.0 mm

* In using the products, refer to "Handling Precautions for Terminals and Connectors" described on our website (Technical documents of Product information page).
* RoHS2 compliance
* Dimensional unit: mm
* Contact JST for details.

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

RoHS2 compliance

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

Material and Finish

Phosphor bronze, tin-plated (reflow treatment)

Model No. | Applicable wire | Insulation O.D. | Q’ty/reel
---|---|---|---
SSHL-002T-P0.2 | 0.05~0.13 mm² | 0.05# | 35,000

Contact Crimping machine | Applicator
---|---|---|---
SSHLL-002T-P0.2 | AP-K2N | MKS-L-10-3 | MK/SSHL-002-02 |

Note: Contact JST for fully automatic crimping applicator.
GH CONNECTOR

1.25 mm pitch/Disconnectable Crimp style connectors

Material and Finish
PBT, UL94V-0, natural (white)

RoHS2 compliance
For availability, delivery and minimum order quantity, contact JST.

ex. GHR-04V-S
S...natural (white) LE...light blue TR...tomato red K...black
E...blue O...orange L...lemon yellow MG...moss green
DPK...dark pink

RoHS2 compliance This product displays (LF)(SN) on a label.
Note: Contact JST for gold-plated product.

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

<table>
<thead>
<tr>
<th>No. of Circuits</th>
<th>Model No.</th>
<th>Dimensions (mm)</th>
<th>Q’ty/bag</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>GHR-02V-S</td>
<td>1.25 3.75</td>
<td>3,000</td>
</tr>
<tr>
<td>3</td>
<td>GHR-03V-S</td>
<td>2.50 5.00</td>
<td>3,000</td>
</tr>
<tr>
<td>4</td>
<td>GHR-04V-S</td>
<td>3.75 6.25</td>
<td>3,000</td>
</tr>
<tr>
<td>5</td>
<td>GHR-05V-S</td>
<td>5.00 7.50</td>
<td>3,000</td>
</tr>
<tr>
<td>6</td>
<td>GHR-06V-S</td>
<td>6.25 8.75</td>
<td>3,000</td>
</tr>
<tr>
<td>7</td>
<td>GHR-07V-S</td>
<td>7.50 10.00</td>
<td>3,000</td>
</tr>
<tr>
<td>8</td>
<td>GHR-08V-S</td>
<td>8.75 11.25</td>
<td>3,000</td>
</tr>
<tr>
<td>9</td>
<td>GHR-09V-S</td>
<td>10.00 12.50</td>
<td>3,000</td>
</tr>
<tr>
<td>10</td>
<td>GHR-10V-S</td>
<td>11.25 13.75</td>
<td>3,000</td>
</tr>
<tr>
<td>11</td>
<td>GHR-11V-S</td>
<td>12.50 15.00</td>
<td>3,000</td>
</tr>
<tr>
<td>12</td>
<td>GHR-12V-S</td>
<td>13.75 16.25</td>
<td>3,000</td>
</tr>
<tr>
<td>13</td>
<td>GHR-13V-S</td>
<td>15.00 17.50</td>
<td>3,000</td>
</tr>
<tr>
<td>14</td>
<td>GHR-14V-S</td>
<td>16.25 19.75</td>
<td>3,000</td>
</tr>
<tr>
<td>15</td>
<td>GHR-15V-S</td>
<td>17.50 20.00</td>
<td>3,000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>No. of Circuits</th>
<th>Model No.</th>
<th>Dimensions (mm)</th>
<th>Q’ty/reel</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
<td>B</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>BM02B-GHS-TBT</td>
<td>1.25 5.75</td>
<td>2,500</td>
</tr>
<tr>
<td>3</td>
<td>BM03B-GHS-TBT</td>
<td>2.50 7.00</td>
<td>2,500</td>
</tr>
<tr>
<td>4</td>
<td>BM04B-GHS-TBT</td>
<td>3.75 8.25</td>
<td>2,500</td>
</tr>
<tr>
<td>5</td>
<td>BM05B-GHS-TBT</td>
<td>5.00 9.50</td>
<td>2,500</td>
</tr>
<tr>
<td>6</td>
<td>BM06B-GHS-TBT</td>
<td>6.25 10.75</td>
<td>2,500</td>
</tr>
<tr>
<td>7</td>
<td>BM07B-GHS-TBT</td>
<td>7.50 12.00</td>
<td>2,500</td>
</tr>
<tr>
<td>8</td>
<td>BM08B-GHS-TBT</td>
<td>8.75 13.25</td>
<td>2,500</td>
</tr>
<tr>
<td>9</td>
<td>BM09B-GHS-TBT</td>
<td>10.00 14.50</td>
<td>2,500</td>
</tr>
<tr>
<td>10</td>
<td>BM10B-GHS-TBT</td>
<td>11.25 15.75</td>
<td>2,500</td>
</tr>
<tr>
<td>11</td>
<td>BM11B-GHS-TBT</td>
<td>12.50 17.00</td>
<td>2,500</td>
</tr>
<tr>
<td>12</td>
<td>BM12B-GHS-TBT</td>
<td>13.75 18.25</td>
<td>2,500</td>
</tr>
<tr>
<td>13</td>
<td>BM13B-GHS-TBT</td>
<td>15.00 19.50</td>
<td>2,500</td>
</tr>
<tr>
<td>14</td>
<td>BM14B-GHS-TBT</td>
<td>16.25 20.75</td>
<td>2,500</td>
</tr>
<tr>
<td>15</td>
<td>BM15B-GHS-TBT</td>
<td>17.50 22.00</td>
<td>2,500</td>
</tr>
</tbody>
</table>

Contact: Phosphor bronze, copper-undercoated, tin-plated (reflow treatment)
Reinforcement: Brass, copper-undercoated, tin-plated

JST
GH CONNECTOR

Housing (Keying pattern A)

No. of circuits | Model No.  | Dimensions (mm) | Q'ty/bag
---|---|---|---
2 | GHR-02V-2P | A: 1.25, B: 3.75 | 3,000
4 | GHR-04V-2P | A: 3.75, B: 6.25 | 3,000
5 | GHR-05V-2P | A: 5.00, B: 7.50 | 3,000

Material and Finish
PBT, UL94V-0, purple

RoHS2 compliance
For availability, delivery and minimum order quantity, contact JST.

ex. GHR-04V-2P
P...purple (for keying pattern A)
HD...dark gray (for keying pattern B)

Header (Keying pattern A)

Top entry type

No. of circuits | Model No. | Dimensions (mm) | Q'ty/reel
---|---|---|---
2 | BM02B-GHP-A-TBT | A: 1.25, B: 5.75 | 2,500
4 | BM04B-GHP-A-TBT | A: 3.75, B: 8.25 | 2,500
5 | BM05B-GHP-A-TBT | A: 5.00, B: 9.50 | 2,500

Material and Finish
Contact: Phosphor bronze, copper-undercoated, tin-plated (reflow treatment)
Housing: PA 9T, UL94V-0, purple
Reinforcement: Brass, copper-undercoated, tin-plated

RoHS2 compliance
This product displays (LF)(SN) on a label.
For availability, delivery and minimum order quantity, contact JST.

ex. BM04B-GHP-A-TBT
P...purple (for keying pattern A)
HD...dark gray (for keying pattern B)
GH CONNECTOR

Housing (Keying pattern B)

Header (Keying pattern B)

RoHS2 compliance

<For reference> As the color identification, the following alphabet shall be put in the underlined part. For availability, delivery and minimum order quantity, contact JST.

ex. GHR-02V-3HD

P...purple (for keying pattern A)
HD...dark gray (for keying pattern B)

Note: Contact JST for gold-plated products.

<For reference> As the color identification, the following alphabet shall be put in the underlined part. For availability, delivery and minimum order quantity, contact JST.

ex. BM04B-GHHD-B-TBT

P...purple (for keying pattern A)
HD...dark gray (for keying pattern B)