This ADH connector is compact and low profile type, height 1.9 mm and width 4.3 mm, 1.3 mm pitch wire-to-board connector.

- Space saving
- Top entry but side feed type
- Connector for power supply (3 A)

**Specifications**

- Current rating: 3 A AC, DC  
  (Apply 1 A for the 3rd circuit of 5-circuit.) (AWG #26)
- Voltage rating: 30 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/ 30 mΩ max.
- Insulation resistance: 100 MΩ min.
- Withstanding voltage: 500 VAC/minute
- Applicable wire: Conductor size/ AWG #28 to #26
  Insulation O.D./ 0.63 mm, 0.98 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**

<2 circuits>  
<3, 5 circuits>

*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. The dimensions above should serve as a guideline. Contact JST for details.*
Contact

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Applicable wire</th>
<th>Insulation O.D.</th>
<th>Q’ty/reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>SADH-002G-P0.2</td>
<td>0.14 26</td>
<td>0.98</td>
<td>25,000</td>
</tr>
<tr>
<td>SADH-003G-P0.2</td>
<td>0.08 26</td>
<td>0.63</td>
<td>25,000</td>
</tr>
</tbody>
</table>

Material and Finish
Copper alloy, nickel-undercoated, gold-plated

RoHS compliance

<table>
<thead>
<tr>
<th>Contact</th>
<th>Crimping machine</th>
<th>Applicator</th>
<th>Crimp applicator with die</th>
</tr>
</thead>
<tbody>
<tr>
<td>SADH-002G-P0.2</td>
<td>AP-K2N</td>
<td>MKS-L-10-3</td>
<td>MK/SADH-002-02</td>
</tr>
<tr>
<td>SADH-003G-P0.2</td>
<td>MKS-L-10-3</td>
<td>MK/SADH-003-02</td>
<td>APLMK SADH003-02</td>
</tr>
</tbody>
</table>

Housing

<table>
<thead>
<tr>
<th>Circuits</th>
<th>Model No.</th>
<th>Dimensions (mm)</th>
<th>Q’ty/ bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>ADHR-03V-H</td>
<td>2.6 5.7</td>
<td>1,000</td>
</tr>
<tr>
<td>5</td>
<td>ADHR-05V-S(HF)</td>
<td>5.2 8.3</td>
<td>1,000</td>
</tr>
</tbody>
</table>

Material
PBT, UL94V-0

RoHS compliance
For reference As the color identification, the following alphabet shall be put in the underlined part.
ex. ADHR-03V-H H...gray S...natural

Shrouded header

<table>
<thead>
<tr>
<th>Circuits</th>
<th>Model No.</th>
<th>Dimensions (mm)</th>
<th>Q’ty/ reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>*2</td>
<td>BM02(3)B-ADHSS-GAN-ETB</td>
<td>2.6 5.7</td>
<td>5,000</td>
</tr>
<tr>
<td>3</td>
<td>BM03B-ADHKS-GAN-ETB</td>
<td>2.6 5.7</td>
<td>5,000</td>
</tr>
<tr>
<td>5</td>
<td>BM05B-ADHKS-GAN-ETB(HF)</td>
<td>5.2 8.3</td>
<td>5,000</td>
</tr>
</tbody>
</table>

Material and Finish
Contact: Copper alloy, copper-undercoated, tin-plated (nickel-stripe)
Housing: Heat resisting resin, UL94V-0
Reinforcement: Copper alloy, copper-undercoated, tin-plated (reflow treatment)

RoHS compliance These products display [LF]/[SN] on a label. (2, 3 circuits)
Note: 1. These products listed above are supplied on embossed-tape.
2. *2-circuit product: Removing center pin from 3-circuit product.
For availability, delivery and minimum order quantity, contact JST.
ex. BM03B-ADHKS-GAN-ETB K...black S...white