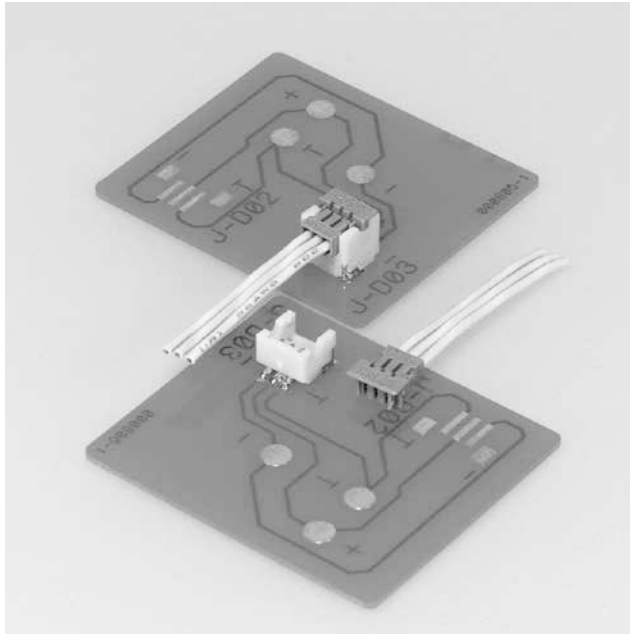


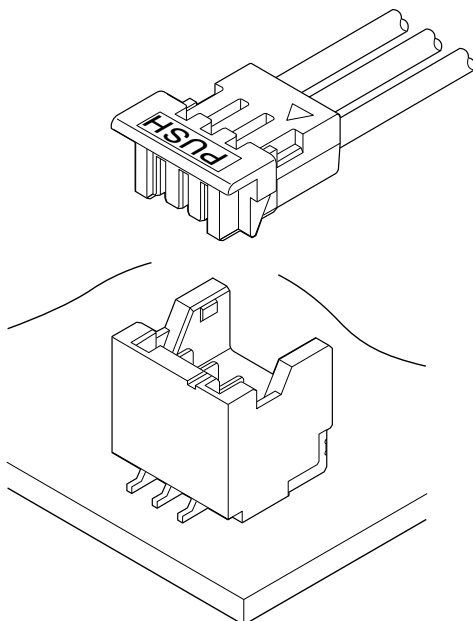
AGH CONNECTOR



Disconnectable Crimp style connectors



1.25 mm pitch crimp type connector. This connector system has excellent operational advantages due to its top entry style. In addition, with the wires on the side, it is low profile, similar to a side entry style.



Features

• Miniaturization

Developed for mobile phone battery connection. The mounting height of 6.1 mm, but can be reduced to 4.4 mm depending on the design at low profile header side.

• Distortion resistant construction

Because of the unique rib structure of the housing, the connector is resistant to distortion when extracting.

• Applicable to surface mounting technology

The header has a sufficient area for suction for the use of automatic surface mounting system.

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/ 20 mΩ max.
After environmental tests/ 30 mΩ max.
- Insulation resistance: 500 MΩ min.
- Withstanding voltage: 500 VAC/minute
- Applicable wire: AWG #30 to #26
Insulation O.D./ 0.8 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

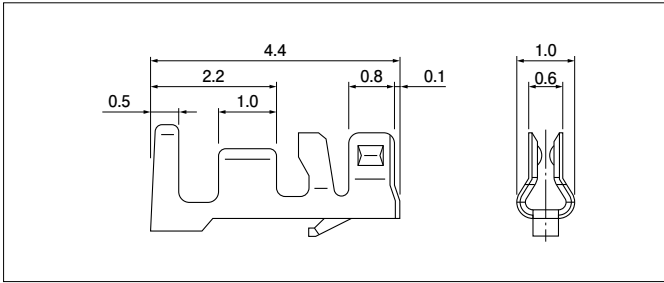
* Contact JST for details.

Standards

Recognized E60389

J50014042

Contact



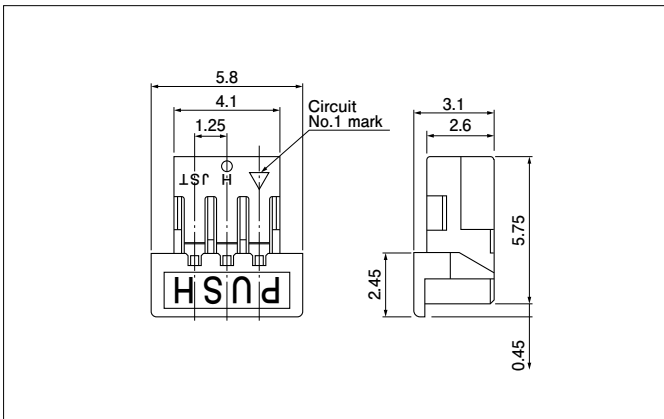
Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty/reel
	mm ²	AWG #		
SAGH-002GU-P0.3	0.05 to 0.13	30 to 26	0.8 to 1.0	20,000

Material and Finish

Phosphor bronze, nickel-undercoated, gold-plated

RoHS2 compliance

Housing



No. of circuits	Model No.	Q'ty/bag
3	AGHR-03V-1-H	5,000

Material and Finish

PBT, UL94V-0, gray

RoHS2 compliance

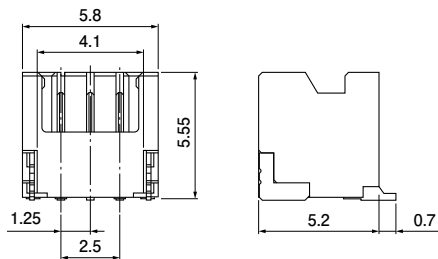
<For reference> As the color identification, the following alphabet shall be put in the underlined part. For availability, delivery and minimum order quantity, contact JST.

ex. AGHR-03V-1-00

H...gray
(blank)...natural

Shrouded header

<5.6 mm type>



● 5.6 mm type

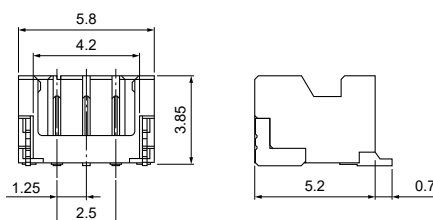
No. of circuits	Model No.	Q'ty/reel
3	BM03B5.6-AGHS-GG-TF	1,000

Material and Finish

Contact: Phosphor bronze, nickel-undercoated,
Mating part: gold-plated
Solder tail: tin-plated (reflow treatment)
Housing: PA 9T, UL94V-0, natural
Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

RoHS2 compliance This product displays (LF)(SN) on a label.

<3.9 mm type>



● 3.9 mm type

No. of circuits	Model No.	Q'ty/reel
3	BM03B3.9-AGHS-GH-TF	1,250

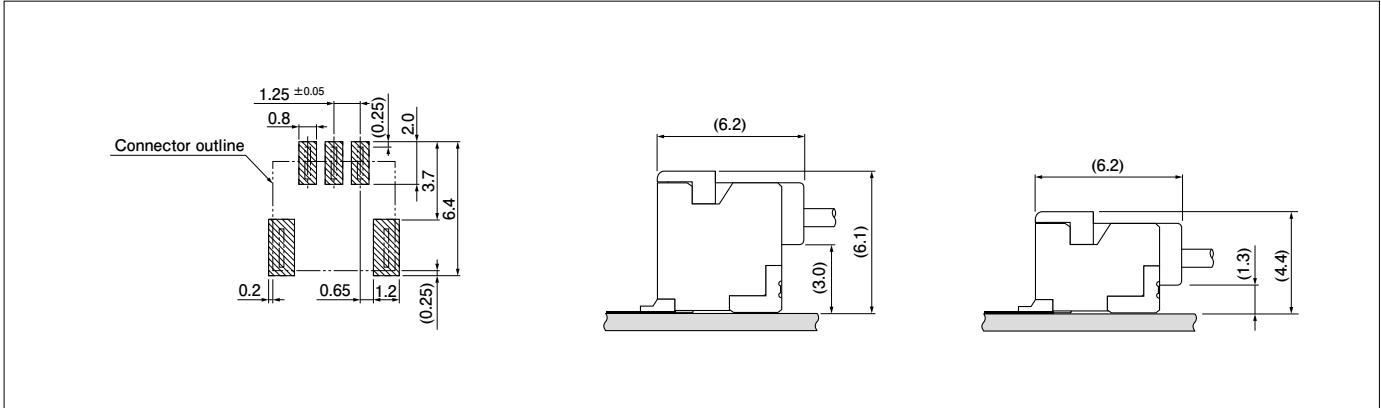
Material and Finish

Contact: Phosphor bronze, nickel-undercoated,
Mating part: gold-plated 0.4 μm
Solder tail: gold-plated flash
Housing: PA 9T, UL94V-0, natural
Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

RoHS2 compliance This product displays (LF)(SN) on a label.

AGH CONNECTOR

PC board layout (viewed from component side) and Assembly layout



Note: 1. Tolerances are non-cumulative: ± 0.05 mm for all centers.
 2. The dimensions above should serve as a guideline. Contact JST for details.

Crimping machine, Applicator

Contact	Crimping machine	Crimp applicator	Dies	Crimp applicator with dies
SAGH-002GU-P0.3	AP-K2N	MKS-L-10-3	MK/SAGH-002-03	APLMK SAGH002-03

Note: Contact JST for fully automatic crimping applicator.