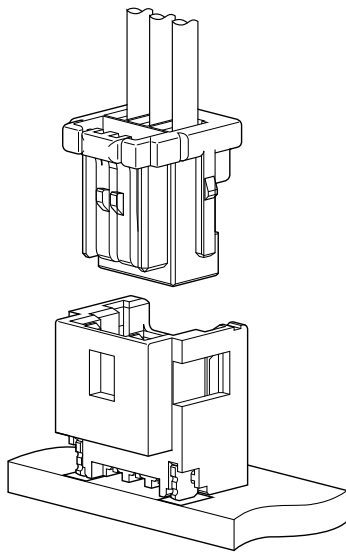




APSH CONNECTOR



1.0 mm pitch/Disconnectable Crimp style connectors



While realizing the space saving, this is the connector having the secure lock structure. By this, it is prevented the housing coming off by handling the wires or adding the vibration. This connector is very small, and it is possible to suppress the inverted insertion and achieves a clear insertion feeling.

- Space saving design
- Secure locking structure
- Mechanism for preventing the inverted insertion

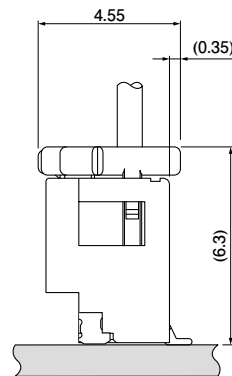
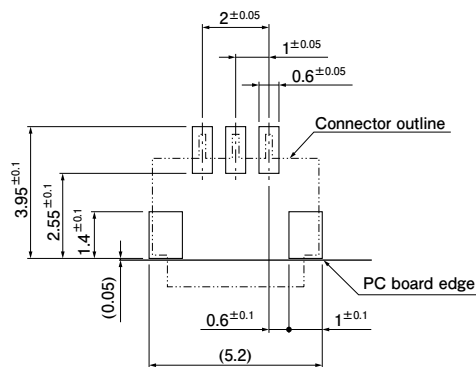
Specifications

- Current rating: 1.0 A AC/DC (AWG #28)
- 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/ 40 mΩ max.
- Insulation resistance: 100 MΩ min.
- Withstanding voltage: 500 VAC/minute
- Applicable wire: Conductor size/ AWG #32 to #28
Insulation O.D./ 0.4 to 0.8 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.

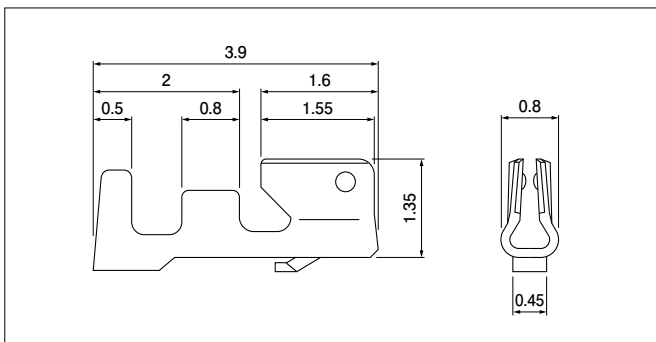
PC board layout and Assembly layout



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



Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty/reel
	mm ²	AWG #		
SSH-003T-P0.2-H	0.032~0.08	32~28	0.4~0.8	23,000

Material and Finish

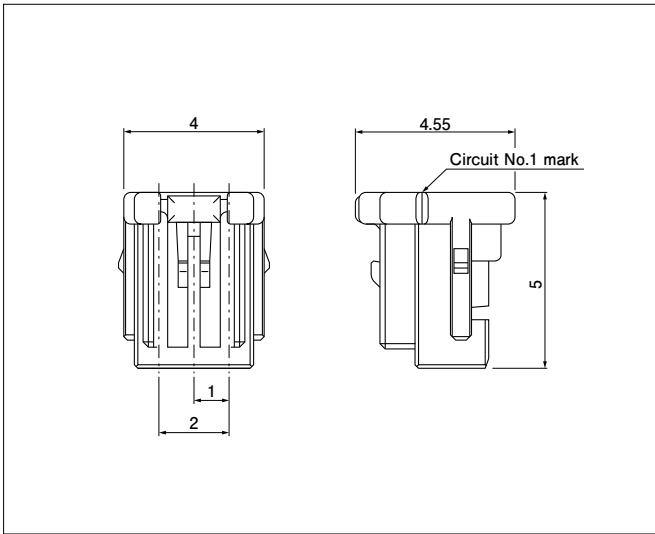
Phosphor bronze, tin-plated (reflow treatment)

RoHS2 compliance

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SSH-003T-P0.2-H	AP-K2N	MKS-L-10-3	MK/SSH/L-003-02	APLMK SSH/L003-02

Note: Contact JST for fully automatic crimping applicator.

Housing



No. of circuits	Model No.	Q'ty/box
3	APSHR-03V-S	1,000

Material and Finish

Glass-filled PBT, UL94V-0, natural

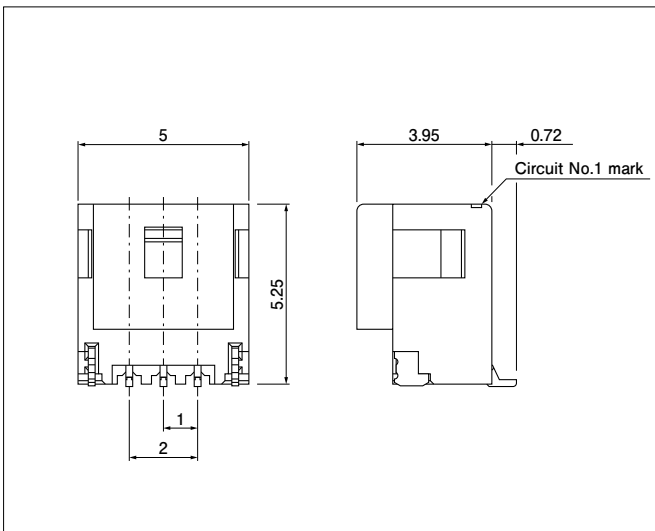
RoHS2 compliance

<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. APSHR-03V-S

S...natural K...black E...blue TR...tomato red L...lemon yellow

Header



No. of circuits	Model No.	Q'ty/reel
3	BM03B-APSHSS-ETFT	1,800

Material and Finish

Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment)
Wafer: PA 9T, UL94V-0, natural

Solder tab: Copper-alloy, copper-undercoated, tin-plated (reflow treatment)

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

Note: The product listed above are supplied on embossed-tape (with suction tape).

<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. BM03B-APSHSS-ETFT

S...natural K...black E...blue TR...tomato red L...lemon yellow