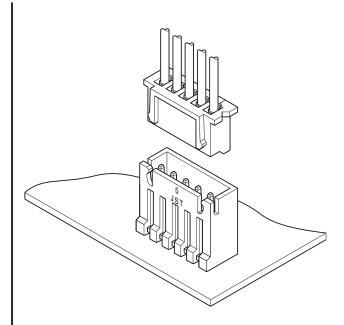


XH CONNECTOR (High box type)

2.5 mm pitch/Wire-to Board connectors/Crimp style and Mating style



This is a XH connector high-box type with a mounting height of 17.0 mm and a thickness of 5.8 mm. It provides stable state contact even for micro-voltage and current circuits.

- Header suitable for potting process
- Interchangeability

Specifications -

• Current rating: 3 A AC/DC (AWG #22)

• Voltage rating: 250 V AC/DC

• Temperature range: -25°C to +85°C

(including temperature rise in applying

electrical current)

• Contact resistance: Initial value/ 10 m Ω max.

After environmental tests/ 20 m Ω max.

- Insulation resistance: 1,000 M Ω min.
- · Withstanding voltage:

There shall be no breakdown or flashover while applying 1,000 VAC for one minute.

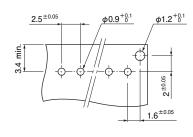
- Applicable wire range: AWG #30 to #22
- Applicable PC board thickness: 1.6 mm
- * Please refer to the "Handling Precautions for Terminals and Connectors" on our website (listed in the "Technical Documents" column on the Product Information page) before use.
- * RoHS2 compliance
- * Dimensional unit: mm
- * Contact JST for details.

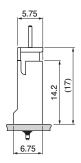
Standards -

For information on overseas standard registrations, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

* Specifications registered to overseas standards may differ from the general specifications listed above.

PC board layout and Assembly layout





Note: 1. The above figure is the figure viewed from the connector mounting side.

2. Tolerance for the PCB hole pitch shall be \pm 0.05 and shall not accumulate.

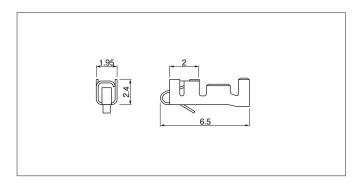
3. Hole dimensions differ according to the type of PC board and piercing method.

If PC boards made of hard material are used, the hole dimensions should be larger.

The above dimensions are reference values. Please contact JST for details.

XH CONNECTOR (High box type)

Contact



Model No.	Applicable wire range		Insulation O.D. (mm)	Q'ty/	
	mm ²	AWG#	Ilisulation O.D. (IIIII)	reel	
SXH-001T-P0.6	0.08 to 0.33	28 to 22	0.9 to 1.9	8.000	
SXH-002T-P0.6	0.05 to 0.13	30 to 26	0.9 to 1.3	0,000	

Material and Surface finish, etc.

Phosphor bronze, tin-plated (reflow treatment)

RoHS2 compliance

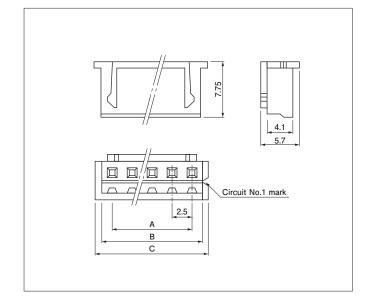
Note: 1. Contact JST if you requier gold-plated contacts or contacts made of brass.

Contact JST also if you require shielded wires, thin wires or other special wires.

Contact	Crimping	Applicator			
	machine	Crimp applicator	Dies	Crimp applicator with dies	
SXH-001T-P0.6		MKS-L	MK/SXH-001-06	APLMK SXH001-06	
SXH-002T-P0.6			MK/SXH-002-06	APLMK SXH002-06	

Note: Contact JST for fully automatic crimping applicator.

Housing



No. of circuits	Model No.	D	Q'ty/		
	woder No.	Α	В	С	bag
2	XHP-2	2.5	5.7	7.3	1,000
3	XHP-3	5.0	8.2	9.8	1,000
4	XHP-4	7.5	10.7	12.3	1,000
5	XHP-5	10.0	13.2	14.8	1,000
6	XHP-6	12.5	15.7	17.3	1,000
7	XHP-7	15.0	18.2	19.8	1,000
8	XHP-8	17.5	20.7	22.3	1,000
9	XHP-9	20.0	23.2	24.8	1,000
10	XHP-10	22.5	25.7	27.3	1,000

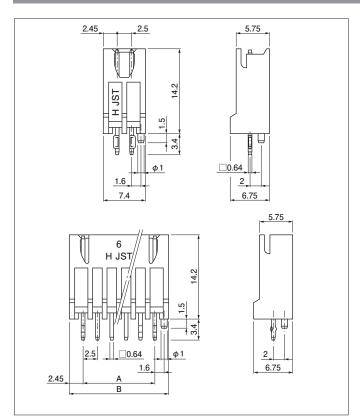
Material and Surface finish, etc. PA 6, natural (white)

RoHS2 compliance

Note: For flame retardant grade of resin material used, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

XH CONNECTOR (High box type)

Header



No. of	Model No.	Dimensions (mm)		O'ty/bay
circuits		Α	В	Q'ty/box
2	BH2B-XH-2	2.5	7.4	700
3	BH3B-XH-2	5.0	9.9	500
4	BH4B-XH-2	7.5	12.4	300
5	BH5B-XH-2	10.0	14.9	300
6	BH6B-XH-2	12.5	17.4	250
7	BH7B-XH-2	15.0	19.9	200
8	BH8B-XH-2	17.5	22.4	150
9	BH9B-XH-2	20.0	24.9	150
10	BH10B-XH-2	22.5	27.4	150

Material and Surface finish, etc.

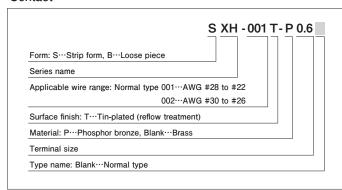
Post: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Wafer: Glass-filled PA 66, natural (ivory)

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

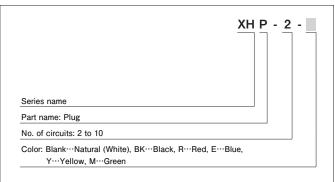
Note: For flame retardant grade of resin material used, please refer to
the "List of Registered Overseas Standards" on our website (listed in
the "Technical Documents" column on the Product Information page).

Model number allocation

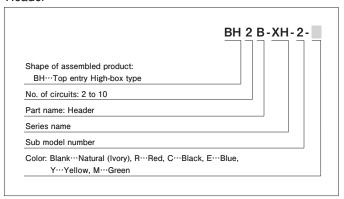
Contact



Housing



Header



Note: Depending on the colors, it may take some time for delivery.