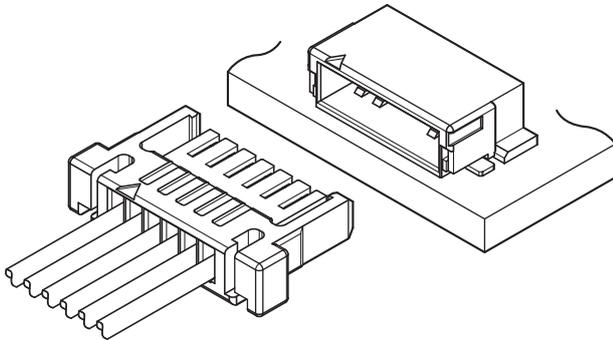


SHJ CONNECTOR

1.0 mm pitch/Wire-to-board connector/Disconnectable Crimp style connectors



This is a 1.0 mm pitch wire-to-board connector with secure lock mechanism on both sides.

SHJ connector is compact and space-saving design providing high reliability and are suitable for applications such as power supply of LED.

- Low profile design
(Mounting height of the side entry type is 2.65 mm.)
- Secure lock mechanism
- Halogen-free

■ Standards

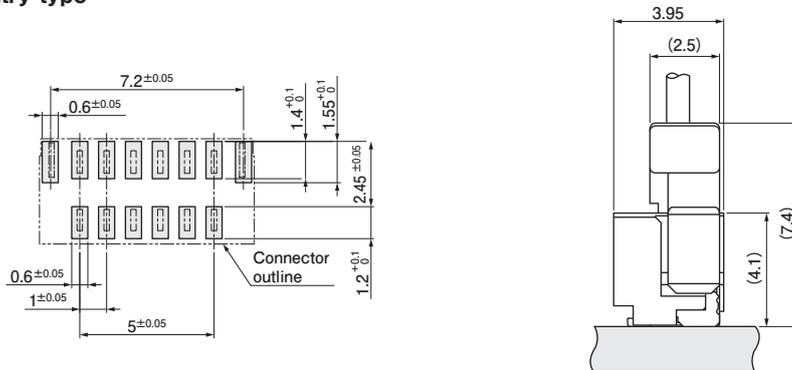
■ :Recognized E 60389

■ Specifications

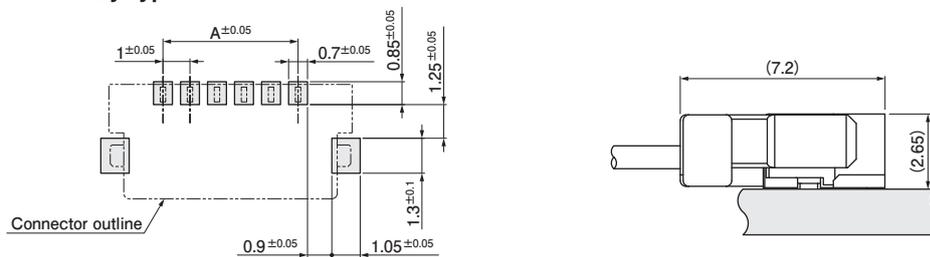
- Current rating: 1.0 A AC/DC (AWG #28)
- Voltage rating: 125 V AC/DC
- Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
- Contact resistance:
 - Initial value/ 20 mΩ max.
 - After environmental tests/ 40 mΩ max.
- Insulation resistance: 100 MΩ min.
- Withstanding voltage:
 - There shall be no breakdown or flashover while applying 500 VAC for one minute.
- Applicable wire range:
 - Conductor size/ AWG #32 to AWG #28
 - Insulation O.D. / ϕ 0.54 mm to ϕ 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

Top entry type

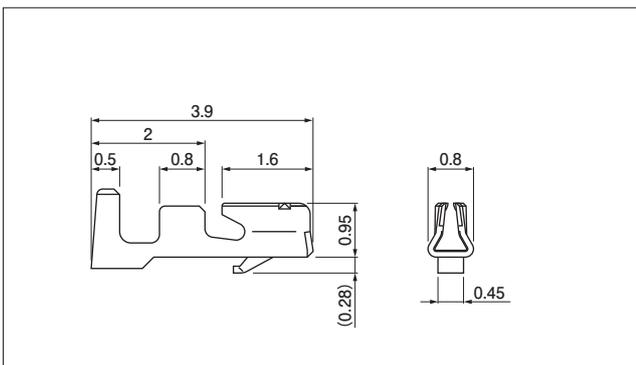


Side entry type



- Note: 1. The figure of PC board layout is the figure viewed from the connector mounting side.
 2. Tolerance for the PCB pattern pitch shall be ± 0.05 , and shall not accumulate more than ± 0.05 .
 3. Dimension A: See "Header/Side entry type" section on page 3.
 4. Please contact JST for details as the dimensions shown in the above figure are reference values.

Socket contact



Model No.	Applicable wire range		Q'ty/ reel
	Conductor size AWG (mm ²)	Insulation O.D. (mm)	
SSHJ-003T-P0.2	#32 to #28 (0.032 to 0.08)	0.54 to 0.8	28,000

Material and Finish
Phosphor bronze, tin-plated

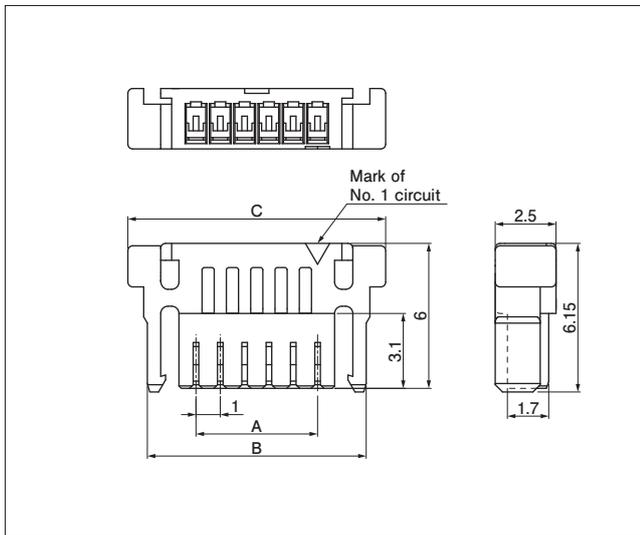
Crimping machine

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

Note: Contact JST for fully automatic crimping applicator.

SHJ CONNECTOR

Socket housing



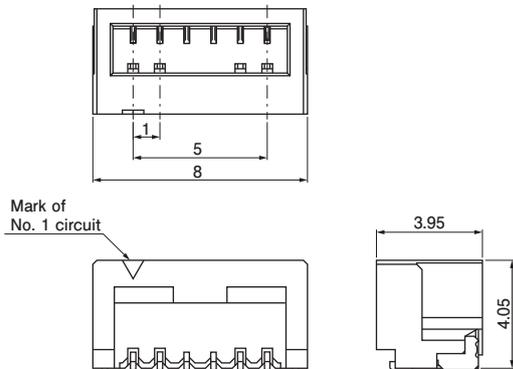
No. of circuits	Model No.	Dimensions (mm)			Q'ty/bag
		A	B	C	
2	SHJP-02V-S (HF)	1	5	6.6	1,000
6	SHJP-06V-S (HF)	5	9	10.6	1,000

Material and Finish

PBT, UL94V-0, natural (white)

Header

Top entry type



Top entry type

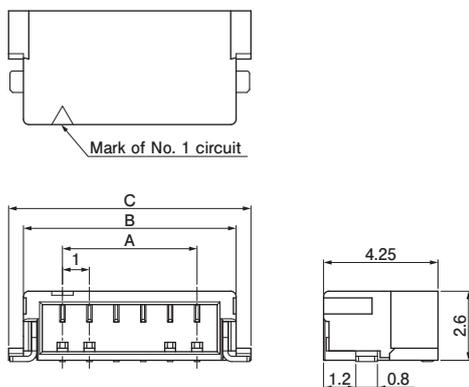
No. of circuits	Model No.	Q'ty/reel
6	BM06B-SHJS-TB (HF)	2,500

Material and Finish

Header contact: Brass, copper-undercoated, tin-plated
 Base housing: Modified PA 4T, natural
 Reinforcing tab: Brass, copper-undercoated, tin-plated

Note: The product listed above are supplied on embossed-tape.

Side entry type



Side entry type

No. of circuits	Model No.	Dimensions (mm)			Q'ty/reel
		A	B	C	
2	SM02B-SHJH-TF (HF)	1	3.9	5	3,500
6	SM06B-SHJH-TF (HF)	5	7.9	9	3,500

Material and Finish

Header contact: Brass, copper-undercoated, tin-plated
 Base housing: PA 6T, gray
 Reinforcing tab: Brass, copper-undercoated, tin-plated

Note: The product listed above are supplied on embossed-tape.

Model number allocation

Socket contact

S SHJ - 003 T - P 0.2

Supply form: Strip form	S	SHJ - 003	T	P	0.2
Series name					
Applicable wire range: AWG #32 to AWG #28					
Surface finish: Tin-plated					
Material: Phosphor bronze					
Applicable contact size					

Socket housing

SHJ P-06V-S (HF)

Series name	SHJ	P-06V-S	(HF)
Type: Socket			
No. of circuits			
Flammability: UL94V-0			
Color: Natural (White)			
Halogen-free			

Header/ Top entry type

BM 06 B - SHJ S-TB (HF)

Header type: SMT Top entry type	BM	06 B - SHJ	S-TB	(HF)
No. of circuits				
Assembly product				
Series name				
Color: Natural				
Packaging style: Embossed-taping				
Halogen-free				

Header/ Side entry type

SM 06 B - SHJ H-TF (HF)

Header type: SMT Side entry type	SM	06 B - SHJ	H-TF	(HF)
No. of circuits				
Assembly product				
Series name				
Color: Gray				
Packaging style: Embossed-taping				
Halogen-free				