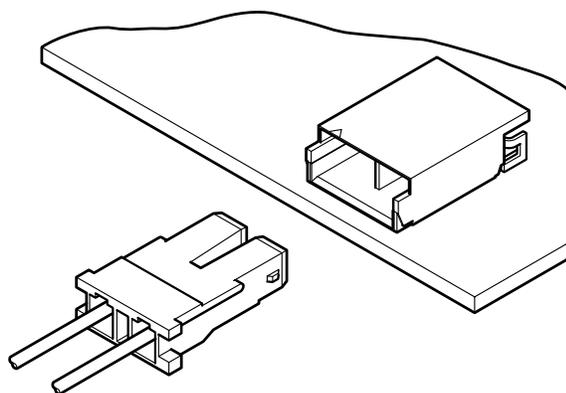




# BHS CONNECTOR



3.5mm pitch/Disconnectable Crimp style connectors



- Low profile
- SMT configuration
- Applicable to special wires
- Housing lock also serves as polarizing device
- Adopt wide large for socket contact

## Specifications

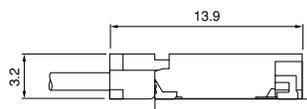
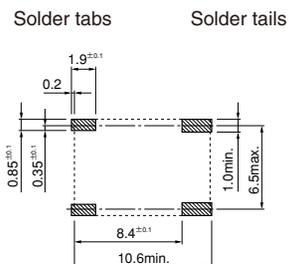
- Current rating: 1.0A AC, DC (AWG #24)
  - Voltage rating: 1,400V AC, DC
  - Temperature range: -25°C to +85°C  
(including temperature rise in applying electrical current)
  - Contact resistance: Initial value/10m Ω max.  
After environmental testing/20m Ω max.
  - Insulation resistance: 1,000M Ω min.
  - Withstanding voltage: 3,800V AC/minute
  - Applicable wire: AWG #28 to #24  
Insulation O.D./0.9 to 1.7mm
- \* Compliant with RoHS.  
\* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.  
\* Contact JST for details.

## Standards

Recognized E60389

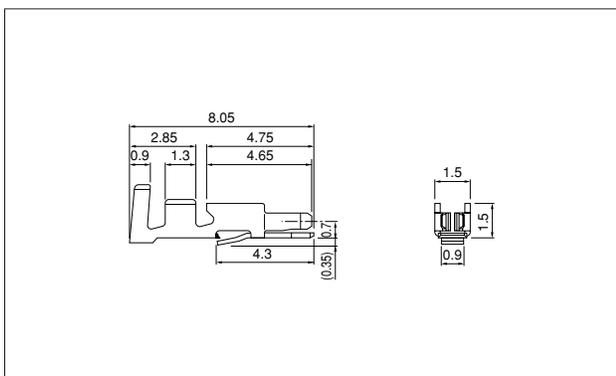
Certified LR20812

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



Note: 1. Tolerances are non-cumulative: ±0.1mm for all centers.  
2. 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 <sup>2</sup>	AWG#		
SBHS-002T-P0.5A	0.08~0.22	28~24	0.9~1.7	10,000

### Material and Finish

Phosphor bronze, tin-plated (reflow treatment)

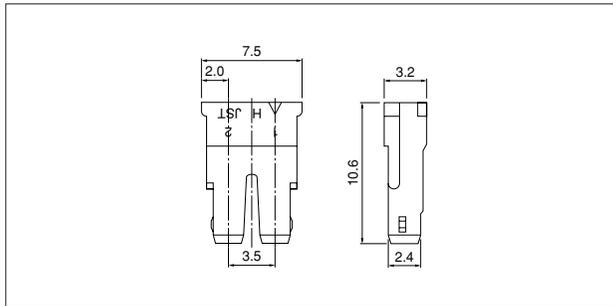
### RoHS compliance

Note: Contact JST for SBHS-002T-P0.5.

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SBHS-002T-P0.5A	AP-K2N	MKS-L	MK/SBHS-002-05	APLMK SBHS002-05

# BHS CONNECTOR

## Housing



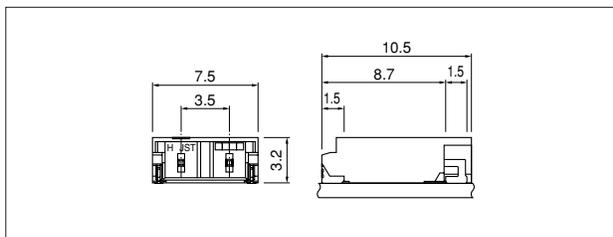
Circuits	Model No.	Q'ty / bag
2	<b>BHSR-02VS-1 (N)</b>	1,000

Material	
PA 66, UL94V-0, natural (white)	

### RoHS compliance

Note: Contact JST for BHSR-02VS-1.

## Shrouded header



Circuits	Model No.	Q'ty / reel
2	<b>SM02B-BHSS-1-TB</b>	1,000

Material and Finish	
Post: Brass, copper-undercoated, tin-plated (reflow treatment)	
Wafer: PPA, UL94V-0, natural (ivory)	
Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)	

### RoHS compliance

This product displays (LF)(SN) on a label.  
Note: The products listed above are supplied on embossed tape.