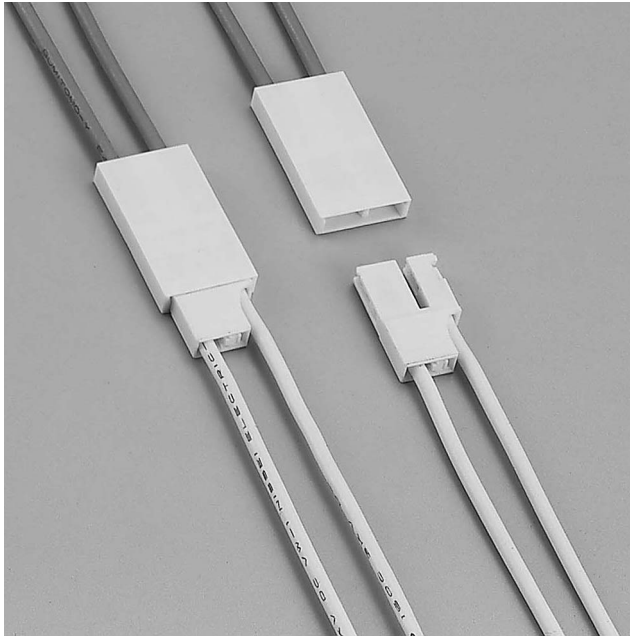
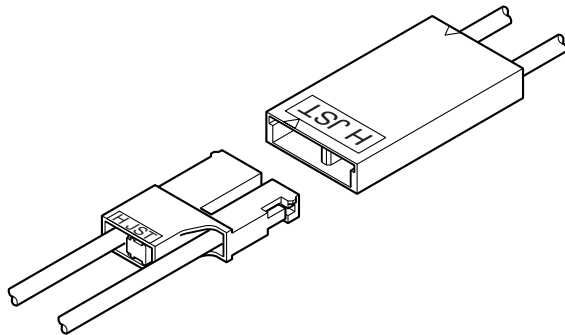


# BHT CONNECTOR

Disconnectable Crimp style Wire-to-wire connectors



Connector for liquid crystal display back light lamps.



## Features

- **High withstanding voltage**

With enough creep distance at the high voltage side, voltage rating can be as high as 1,500V.

- **Applicable either to wire-to-wire connection or board-to-wire connection**

Socket housing is commonly used for wire-to-wire version and for board-to-wire version BHT series. Pin contact is the same as that for the wire-to-wire BHS connector.

## Specifications

- Current rating: 1.0A AC, DC
  - Voltage rating: 1,500V 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: 4,000V AC/minute
  - Applicable wire: AWG #28 to #24  
0.08 to 0.22mm<sup>2</sup>
- \* Compliant with RoHS.  
\* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.  
\* Contact JST for details.

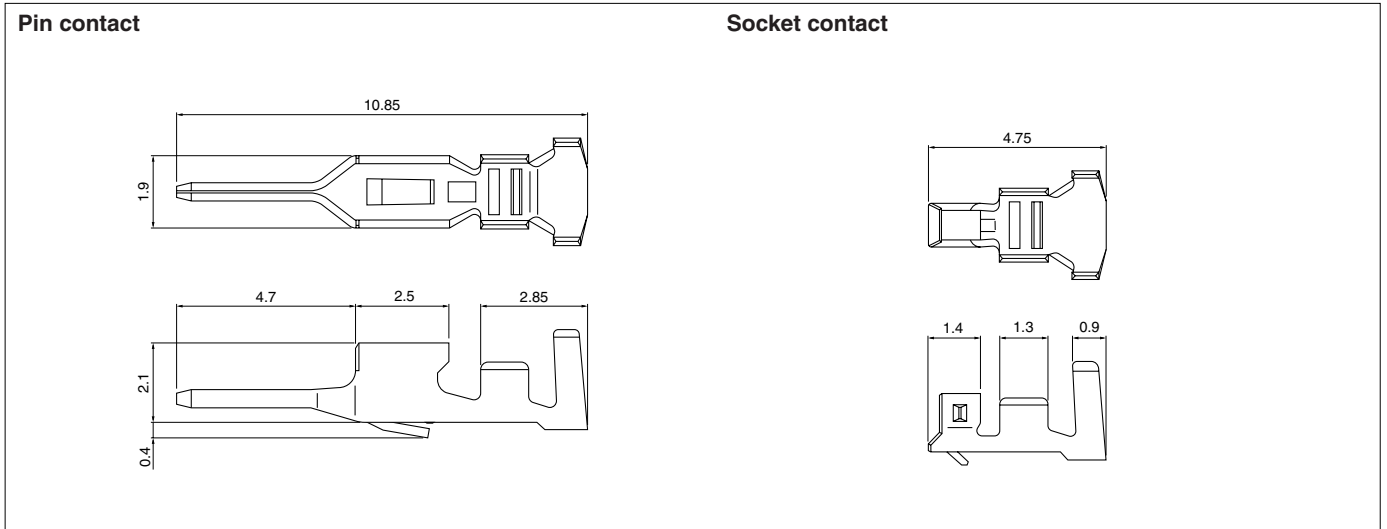
## Standards

Recognized E60389

Certified LR20812

# BHT CONNECTOR

## Contact



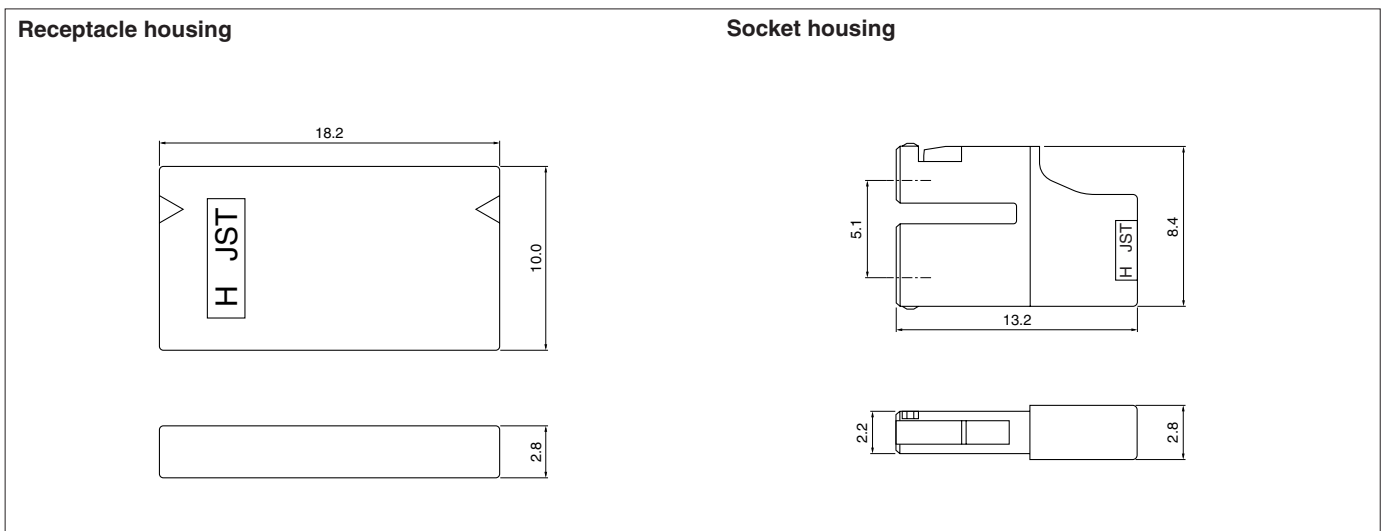
Model No.		Applicable wire		Insulation O.D. (mm)		Q'ty / reel	
Pin contact	Socket contact	mm <sup>2</sup>	AWG #	Pin contact	Socket contact	Pin contact	Socket contact
<b>SBHSM-002T-P0.5</b>	<b>SBHT-002T-P0.5</b>	0.08 to 0.22	28 to 24	0.9 to 1.8	0.9 to 1.7	5,000	10,000

### Material and Finish

Phosphor bronze, tin-plated (reflow treatment)

RoHS compliance

## Housing



Model No.		Q'ty / bag	
Receptacle housing	Socket housing	Receptacle housing	Socket housing
<b>BHTMR-02VS</b>	<b>BHTR-02VS</b>	500	1,000

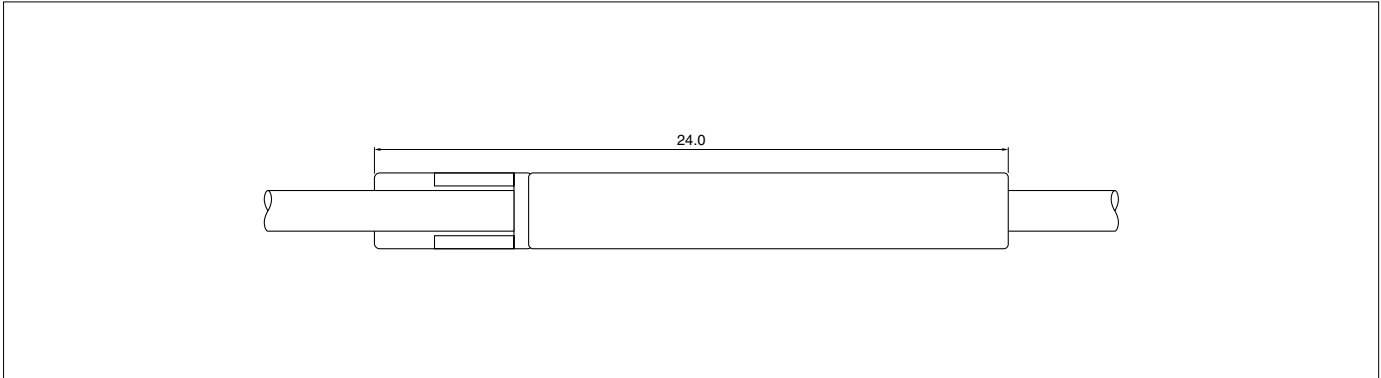
### Material

PBT, UL94V-0, natural (white)

RoHS compliance

# BHT CONNECTOR

## Assembly layout



## Crimping machine, Applicator

Contact	Crimping machine	Crimp applicator	Dies	Crimp applicator with dies
SBHSM-002T-P0.5	AP-K2N	MKS-L	MK/SBHSM-002-05	APLMK SBHSM002-05

Contact	Crimping machine	Crimp applicator	Dies	Crimp applicator with dies
SBHT-002T-P0.5	AP-K2N	MKS-L	MK/SBHT-002-05	APLMK SBHT002-05