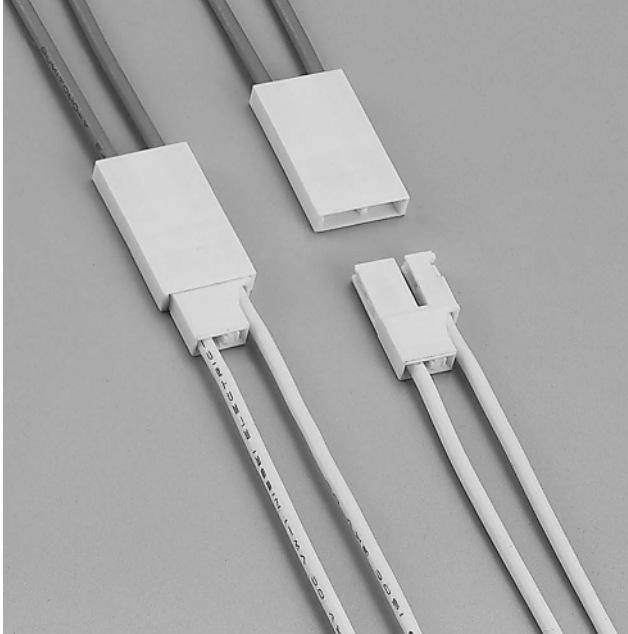


JST

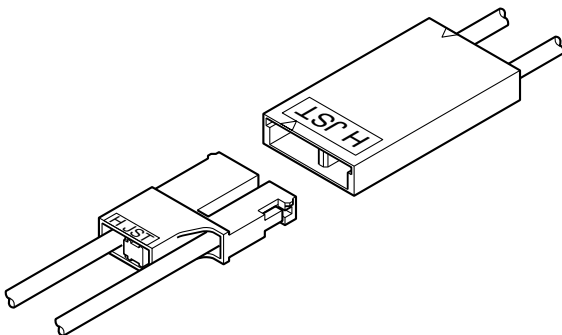
Crimp

5.1mm
pitch

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 0.22mm²
- * RoHS compliant products are published.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

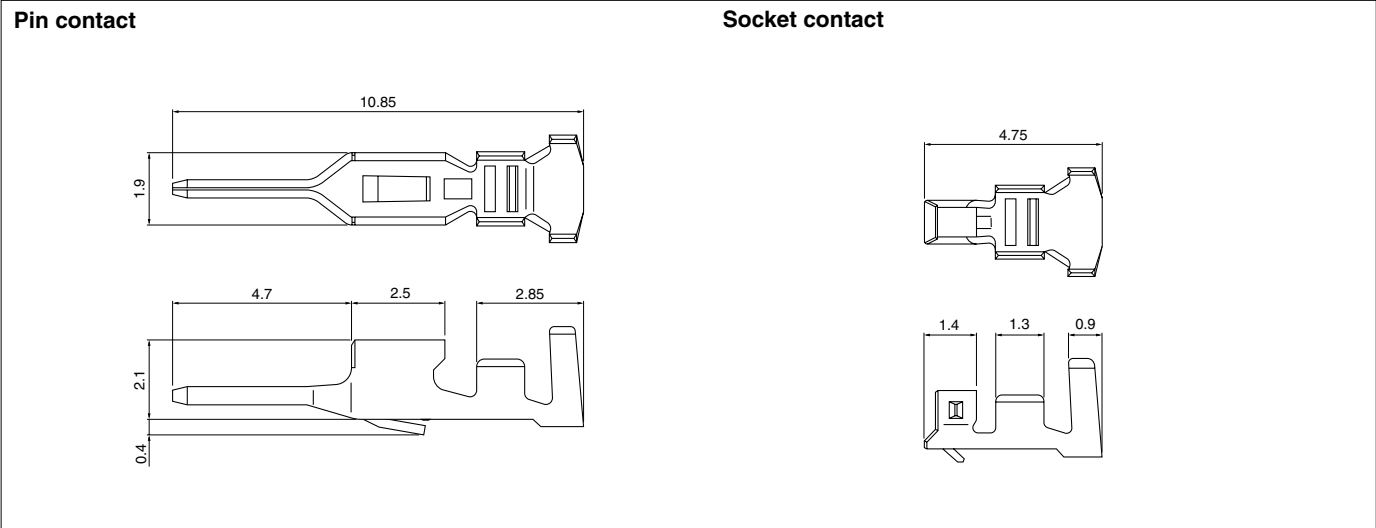
Standards

 Recognized E60389

 Certified LR20812

BHT CONNECTOR

Contact

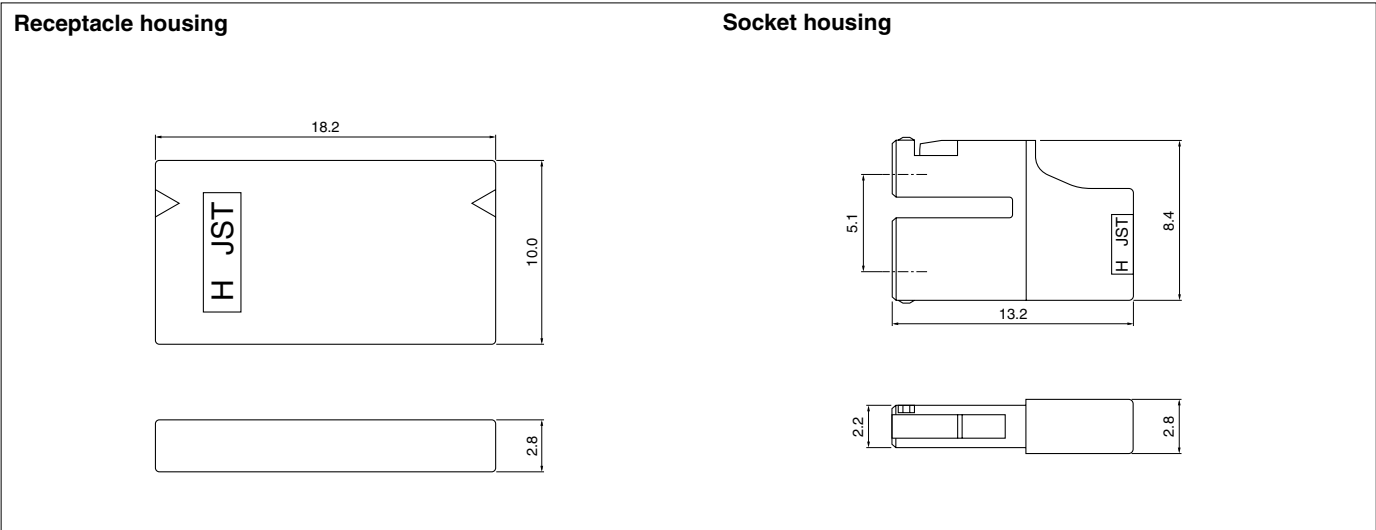


Model No.		Applicable wire		Insulation O.D. (mm)		Q'ty / reel	
Pin contact	Socket contact	mm ²	AWG #	Pin contact	Socket contact	Pin contact	Socket contact
SBHSM-002T-P0.5	SBHT-002T-P0.5	0.08 to 0.22	28 to 24	0.9 to 1.8	0.9 to 1.7	5,000	10,000

Material and Finish							
Phosphor bronze, tin-plated (reflow treatment)							

RoHS compliance

Housing



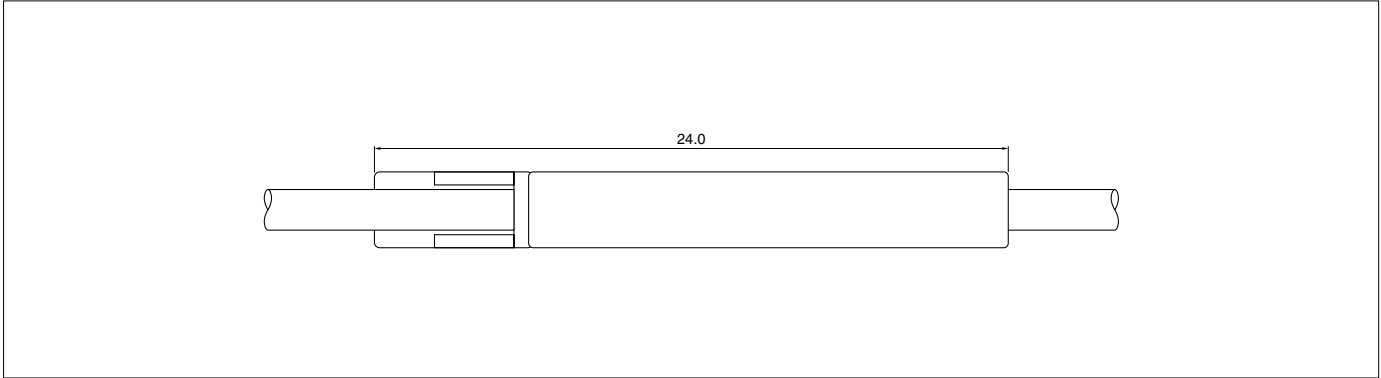
Model No.		Q'ty / bag	
Receptacle housing	Socket housing	Receptacle housing	Socket housing
BHTMR-02VS	BHTR-02VS	500	1,000

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