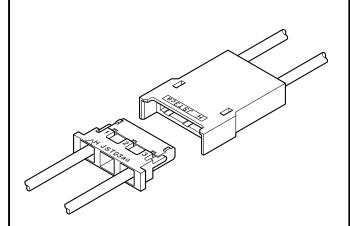


# BHM CONNECTOR

4.0/8.0 mm pitch/Disconnectable Crimp style Wire-to-wire connectors



Wire-to-wire version connectors, designed for liquid crystal display back light lamps.

- Contact lances
- Box shaped housing

## Specifications -

Current rating: 1.0 A AC/DCVoltage rating: 600 V AC/DC

• Temperature range: -25°C to +85°C

(including temperature rise in applying

electrical current)

• Contact resistance: Initial value/ 10 m $\Omega$  max.

After environmental tests/ 20 m $\Omega$  max.

• Insulation resistance: 1,000 M $\Omega$  min. • Withstanding voltage: 1,800 VAC/minute

 Applicable wire: Conductor size/ AWG #28 to #22 0.08 to 0.33 mm²

\* 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.

### Standards -

Recognized E60389

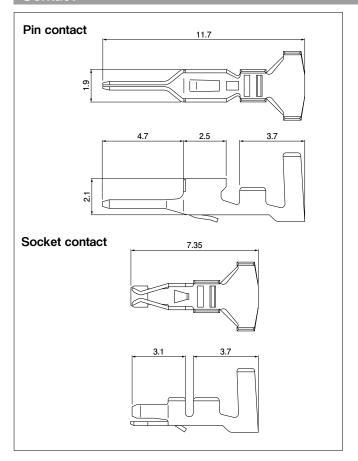
⊕ Certified LR20812

Assembly layout



## **BHM CONNECTOR**

### Contact



Model No.		Applicable wire		Insulation O.D.	04/
Pin contact	Socket contact	mm²	AWG #	Insulation O.D. (mm)	Q'ty/ reel
SBHM-001T-P0.5	SBH-001T-P0.5	0.08~0.33	28~22	1.6~2.4	4,000

#### Material and Finish

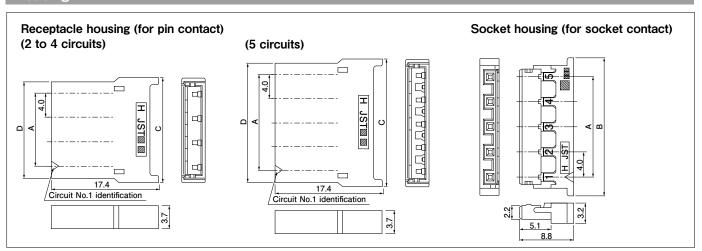
Phosphor bronze, tin-plated (reflow treatment)

RoHS2 compliance

	Crimping machine	Applicator				
		Crimp applicator	Dies	Crimp applicator with dies		
SBHM-001T-P0.5	AP-K2N	MKS-L	MK/SBH/M-001-05	APLMK SBH/M001-05		
SBH-001T-P0.5			MK/SBH/M-001-05	APLMK SBH/M001-05		

Note: Contact JST for fully automatic crimping applicator.

## Housing



No. of circuits	Model No.		Dimensions (mm)				O'ty/baa
	Receptacle housing	Socket housing	Α	В	С	D	Q'ty/bag
2	BHMR-02V	BHR-02VS-1	4.0	9.8	9.1	7.8	1,000
3	BHMR-03V	BHR-03VS-1	8.0	13.8	13.1	11.8	1,000
4	BHMR-04V	BHR-04VS-1	12.0	17.8	17.1	15.8	1,000
5	BHMR-05V-R	BHR-05VS-1	16.0	21.8	21.1	19.8	1,000

Material and Finish

PA 66, UL94V-0, natural (white)

RoHS2 compliance

Note: BHMR-05V-R and BHR-05VS-1 have ribs against prying.