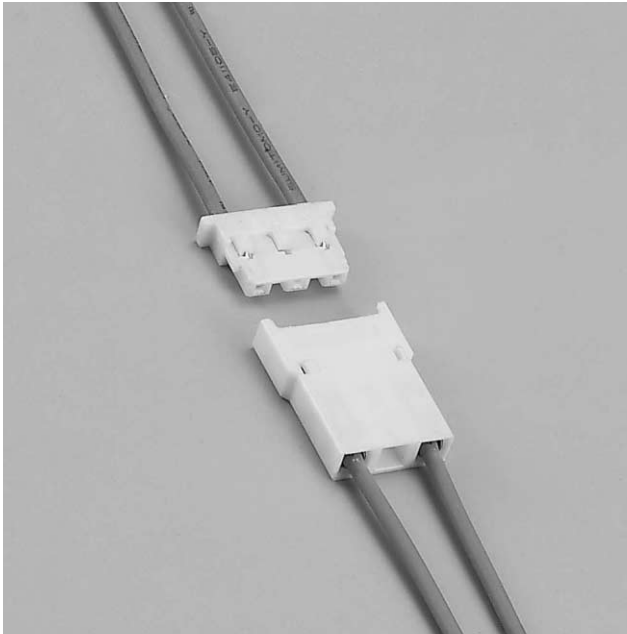
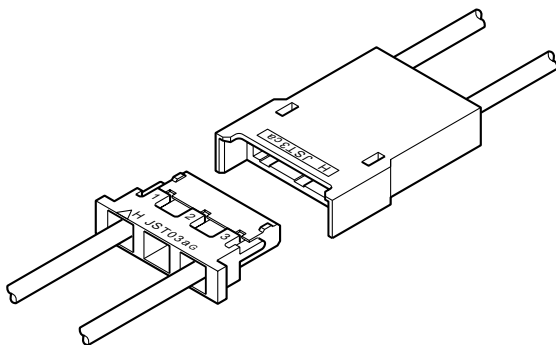


BHM CONNECTOR

Disconnectable Crimp style Wire-to-wire connectors



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



Features

• Contact lances

Contacts are secured in the housing by their spring action, thus fully shrouded. This helps improve the withstanding voltage.

• Box shaped housing

Box shaped construction of the housing prevents distortion during mating and unmating of the housings. Withstanding voltage is also considered.

Specifications

- Current rating: 1.0A AC, DC max.
 - Voltage rating: 600V AC, DC max.
 - 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: 1,800V AC/minute
 - Applicable wire: AWG #28 to #22
0.08 to 0.33mm²
- * Contact JST if Lead-Free product is required.
* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
* Contact JST for details.

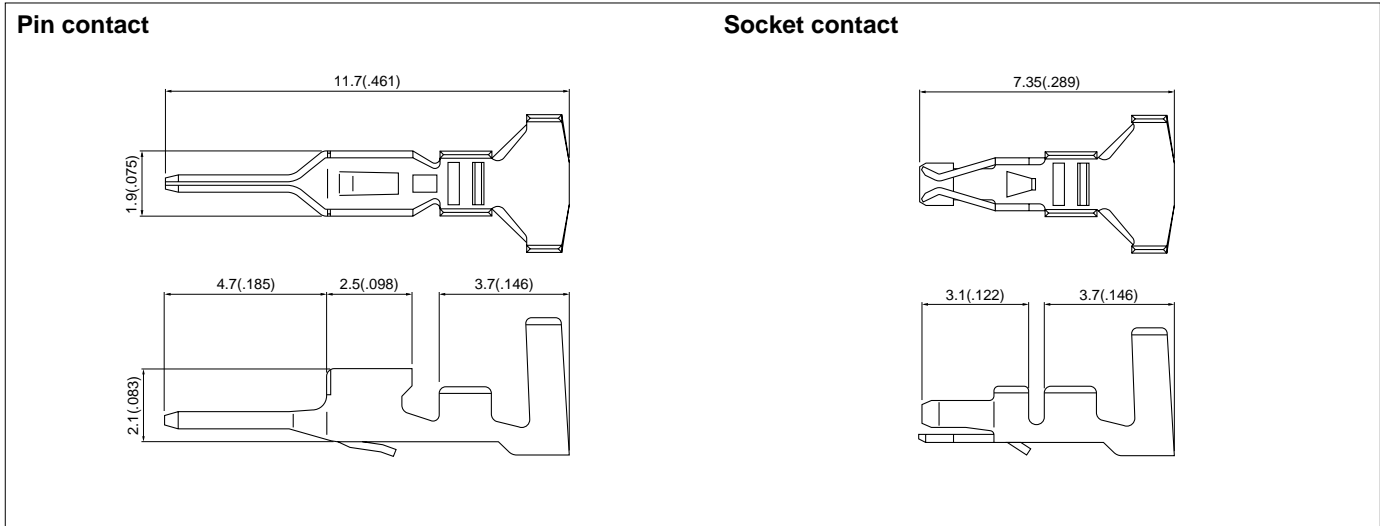
Standards

Ⓜ Recognized E60389

Ⓢ Certified LR20812

BHM CONNECTOR

Contact

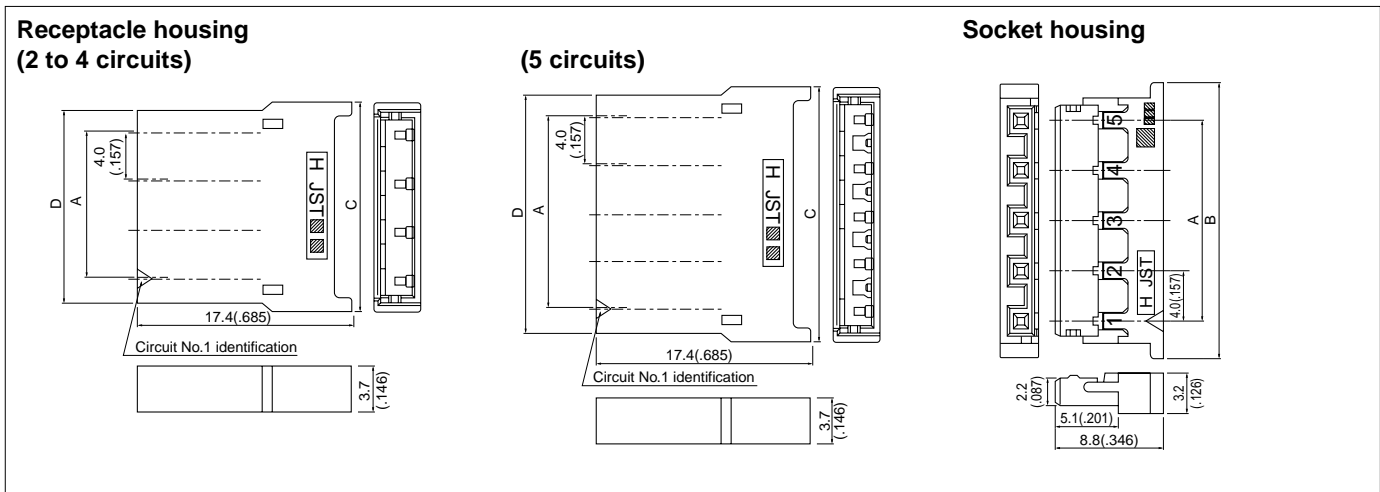


Model No.		Applicable wire		Insulation O.D. mm(in.)		Q'ty / reel	
Pin contact	Socket contact	mm ²	AWG #	Pin contact	Socket contact	Pin contact	Socket contact
SBHM-001T-P0.5	SBH-001T-P0.5	0.08 to 0.33	28 to 22	1.6 to 2.4 (.063 to .094)	1.6 to 2.4 (.063 to .094)	4,000	4,000

Material and Finish

Phosphor bronze, tin-plated

Housing



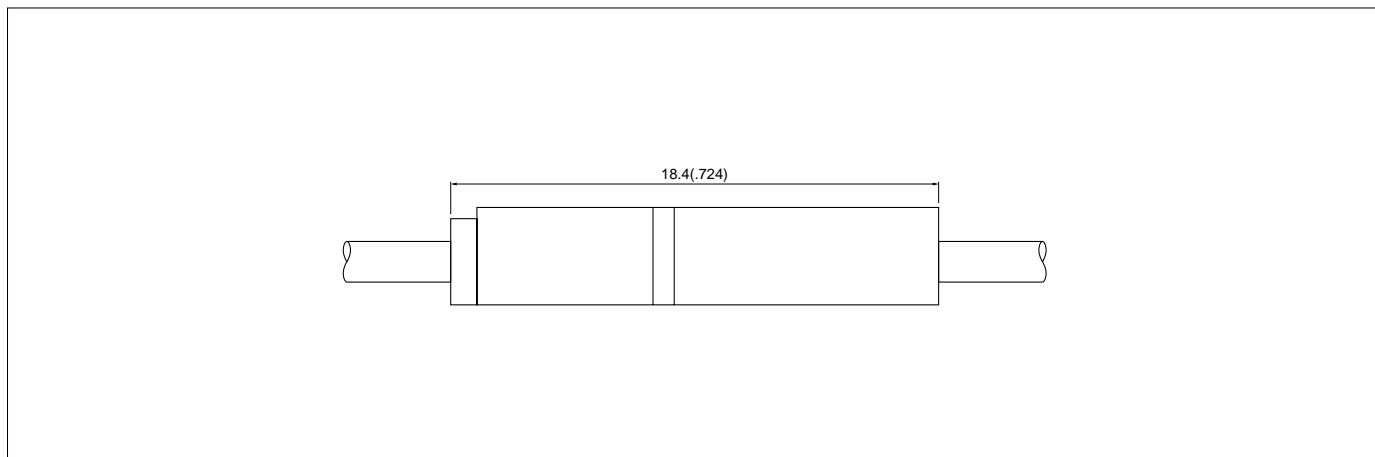
Circuits	Model No.		Dimensions mm(in.)				Q'ty / bag
	Receptacle housing	Socket housing	A	B	C	D	
2	BHMR-02V	BHR-02VS-1	4.0(.157)	9.8(.386)	9.1(.358)	7.8(.307)	1,000
3	BHMR-03V	BHR-03VS-1	8.0(.315)	13.8(.543)	13.1(.516)	11.8(.465)	1,000
4	BHMR-04V	BHR-04VS-1	12.0(.472)	17.8(.701)	17.1(.673)	15.8(.622)	1,000
5	BHMR-05V-R	BHR-05VS-1	16.0(.630)	21.8(.858)	21.1(.831)	19.8(.780)	1,000

Material

Nylon 66, UL94V-0, natural (white)

Note: BHMR-05V-R has ribs against prying.

Assembly layout



Applicator for the semi-automatic press AP-K2N

Contact	Crimp applicator MKS-L		Compact crimp applicator MKS-LS		Strip-crimp applicator MKS-SC
	with safety cover	without safety cover	with safety cover	without safety cover	with safety cover
SBH-001T-P0.5	APLMK SBH001-05	APLNC SBH001-05	-	-	-
SBHM-001T-P0.5	APLMK SBHM001-05	APLNC SBHM001-05	-	-	-