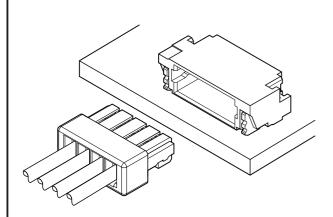


SUH CONNECTOR



0.8mm pitch/Disconnectable Crimp style connectors



This SUH connector is developed for crimping type SUR connector that has been designed for 0.8 mm pitch wire-to-board insulation displacement connector. This connector adopted the first crimping method in a minimum 0.8 mm pitch of the wire-to-board type connector. Housing lance method provides the good workability and a constriction contact method provides the excellent contact reliability.

- SUR header in common use
- Current rating 1.0 A
- Miniaturization

Specifications -

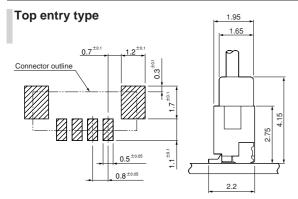
- Current rating: 1.0 A AC, DC (AWG #28)
- Voltage rating: 30 V AC, DC
- Temperature range: -25°C to +85°C
 - (including temperature rise in applying
 - electrical current)
- Contact resistance: Initial value/ 30 m Ω max.
 - After environmental tests/ 50 m Ω max.
- Insulation resistance: 100 MΩ min.
- Withstanding voltage: 200 VAC/minute
- Applicable wire: Conductor size/ AWG #32 to #28 Insulation O.D./ 0.5 to 0.6 mm
- * Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- * Contact JST for details.
- * Compliant with RoHS.

Standards -

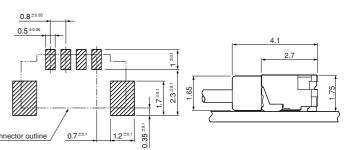
Recognized E60389

⊕ Certified LR20812

PC board layout and Assembly layout

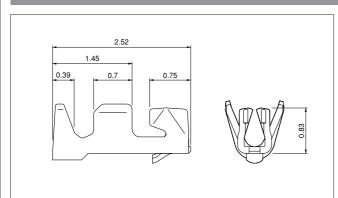


Side entry type



- Note: 1. The above figure is the figure viewed from the connector mounting side.
- 2. Tolerances are non-cumulative: ±0.03 mm for all centers. The dimensions above should serve as a guideline. Contact JST for details.

Contact



Model No.		Q'ty/		
Model No.	mm²	AWG#	Insulation O.D. (mm)	reel
SSUH-003T-P0.15	0.032~0.08	32~28	0.5~0.6	45,000

Material and Finish

Phosphor bronze, tin-plated (reflow treatment)

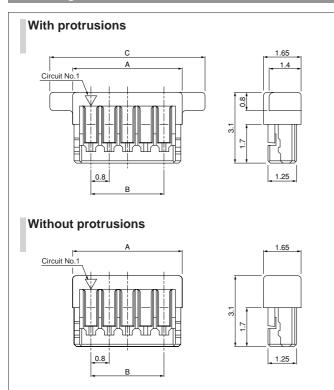
RoHS compliance

Conta	Contact	Crimping machine	Applicator				
	Contact		Crimp applicator	Dies	Crimp applicator with dies		
SSUH-003T-P0.15	9911U_003T_D0 15	AD KON	MKS-L-10-4	MK/SSUH-003-015	APLMK SSUH003-015		
	AF-NZIN	_	_	_			

Note: Contact JST for fully automatic crimping applicator.

SUH CONNECTOR

Housing



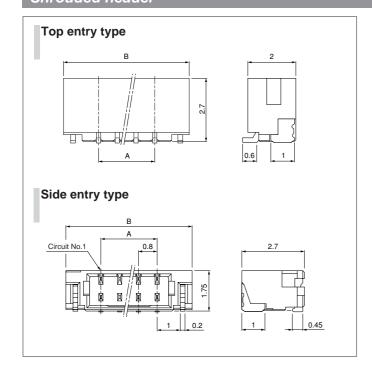
No. of	of Model No.		Dimensions (mm)			Q'ty/
circuits	With protrusions	Without protrusions	Α	В	С	box
2	SUHR-02V-S-B	SUHR-02V-S	2.4	0.8	4.4	2,000
3	SUHR-03V-S-B	SUHR-03V-S	3.2	1.6	5.2	2,000
4	SUHR-04V-S-B	SUHR-04V-S	4.0	2.4	6.0	2,000
5	SUHR-05V-S-B	SUHR-05V-S	4.8	3.2	6.8	2,000
6	SUHR-06V-S-B	SUHR-06V-S	5.6	4.0	7.6	2,000
8	SUHR-08V-S-B	_	7.2	5.6	9.2	2,000
10	SUHR-10V-S-B	SUHR-10V-S	8.8	7.2	10.8	1,000
12	SUHR-12V-S-B	SUHR-12V-S	10.4	8.8	12.4	1,000
14	SUHR-14V-S-B	SUHR-14V-S	12.0	10.4	14.0	1,000
16	SUHR-16V-S-B	SUHR-16V-S	13.6	12.0	15.6	1,000
17	SUHR-17V-S-B	_	14.4	12.8	16.4	1,000
20	SUHR-20V-S-B	SUHR-20V-S	16.8	15.2	18.8	1,000

Material

LCP, UL94V-0, natural

RoHS compliance

Shrouded header



No. of	Model No.		Dimensions (mm)		Q'ty/reel	
circuits	Top entry type	Side entry type	Α	В	Top type	Side type
2	BM02B-SURS-TF	SM02B-SURS-TF	0.8	3.8	2,500	3,500
3	BM03B-SURS-TF	SM03B-SURS-TF	1.6	4.6	2,500	3,500
4	BM04B-SURS-TF	SM04B-SURS-TF	2.4	5.4	2,500	3,500
5	BM05B-SURS-TF	SM05B-SURS-TF	3.2	6.2	2,500	3,500
6	BM06B-SURS-TF	SM06B-SURS-TF	4.0	7.0	2,500	3,500
8	BM08B-SURS-TF	SM08B-SURS-TF	5.6	8.6	2,500	3,500
10	BM10B-SURS-TF	SM10B-SURS-TF	7.2	10.2	2,500	3,500
12	BM12B-SURS-TF	SM12B-SURS-TF	8.8	11.8	2,500	3,500
14	BM14B-SURS-TF	SM14B-SURS-TF	10.4	13.4	2,500	3,500
16	BM16B-SURS-TF	SM16B-SURS-TF	12.0	15.0	2,500	3,500
17	BM17B-SURS-TF	SM17B-SURS-TF	12.8	15.8	2,500	3,500
20	BM20B-SURS-TF	SM20B-SURS-TF	15.2	18.2	2,500	3,500

Material and Finish

Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Wafer: PA, UL94V-0, natural Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

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