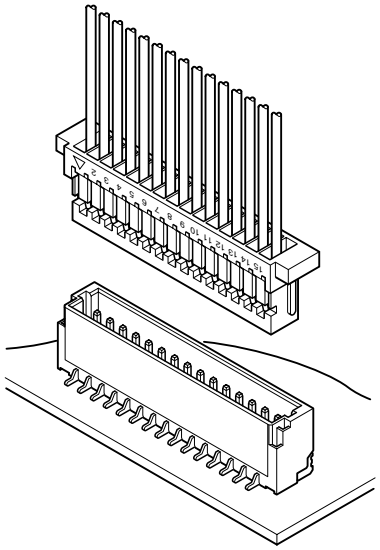


SH CONNECTOR

Emboss Tape

1.0mm pitch/Disconnectable Crimp style connectors



The world's first 1.0mm pitch crimp style connector.

- ***Compact, low profile design***
- ***Compatible with the SR insulation displacement connectors***
- ***Housing lances***

Specifications

- Current rating: 1.0 A AC, DC (AWG #28)
- Voltage rating: 50 V AC, DC
- Temperature range: -25˚C to +85˚C
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 20 mΩ max.
  After environmental tests/ 40 mΩ max.
- Insulation resistance: 100 MΩ min.
- Withstanding voltage: 500 VAC/minute
- Applicable wire: Conductor size/ AWG #32 to #28
  Insulation O.D./ 0.4 to 0.8 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.

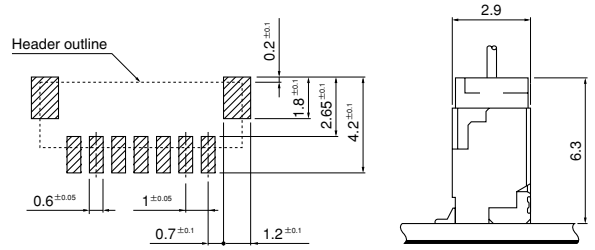
Standards

Recognized E60389

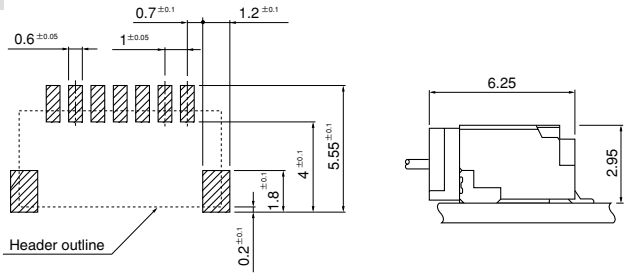
Certified LR20812

PC board layout and Assembly layout

Top entry type

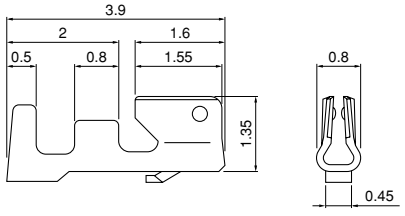


Side entry type



Note: 1. The above figure is the figure viewed from the connector mounting side.
2. Tolerances are non-cumulative: ±0.05 mm for all centers.
3. The dimensions above should serve as a guideline. Contact JST for details.

Contact



Model No.	Applicable wire			Q'ty/ reel
	mm²	AWG#	Insulation O.D. (mm)	
SSH-003T-P0.2-H	0.032～0.08	32～28	0.4～0.8	23,000

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

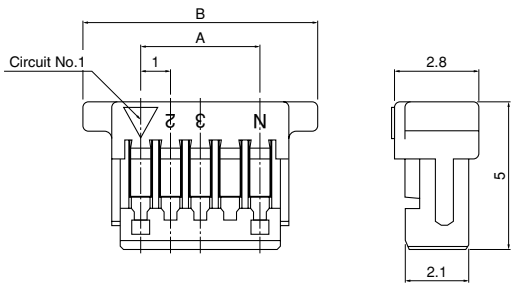
RoHS compliance
Note: Contact JST for gold-plated products.

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SSH-003T-P0.2-H	AP-K2N	MKS-L-10-3	MK/SSH/L-003-02	APLMK SSH/L003-02
		*MKS-SC	SC/SSH/L-003-02	APLSC SSH/L003-02

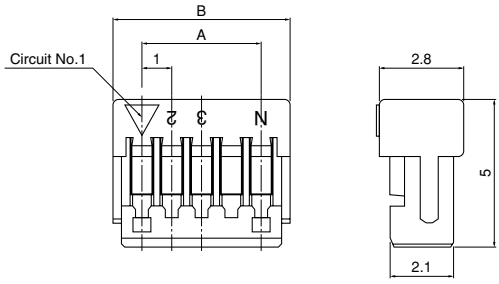
*Note: *Strip-crimp applicator*
Contact JST for applicable wires in case that it is not usable due to wire size.

Housing

With protrusions



Without protrusions



Circuits	Model No.		Dimensions (mm)			Q'ty/ box
			A	B		
	With protrusions	Without protrusions		With protrusions	Without protrusions	
2	**SHR-02V-S-B**	**SHR-02V-S**	1.0	5.0	3.0	2,000
3	**SHR-03V-S-B**	**SHR-03V-S**	2.0	6.0	4.0	2,000
4	**SHR-04V-S-B**	**SHR-04V-S**	3.0	7.0	5.0	2,000
5	**SHR-05V-S-B**	**SHR-05V-S**	4.0	8.0	6.0	2,000
6	**SHR-06V-S-B**	**SHR-06V-S**	5.0	9.0	7.0	2,000
7	**SHR-07V-S-B**	**SHR-07V-S**	6.0	10.0	8.0	2,000
8	**SHR-08V-S-B**	**SHR-08V-S**	7.0	11.0	9.0	2,000
9	**SHR-09V-S-B**	**SHR-09V-S**	8.0	12.0	10.0	2,000
10	**SHR-10V-S-B**	**SHR-10V-S**	9.0	13.0	11.0	2,000
11	**SHR-11V-S-B**	**SHR-11V-S**	10.0	14.0	12.0	2,000
12	**SHR-12V-S-B**	**SHR-12V-S**	11.0	15.0	13.0	2,000
13	**SHR-13V-S-B**	**SHR-13V-S**	12.0	16.0	14.0	2,000
14	**SHR-14V-S-B**	**SHR-14V-S**	13.0	17.0	15.0	2,000
15	**SHR-15V-S-B**	**SHR-15V-S**	14.0	18.0	16.0	2,000
20	**SHR-20V-S-B**	—	19.0	23.0	21.0	1,000

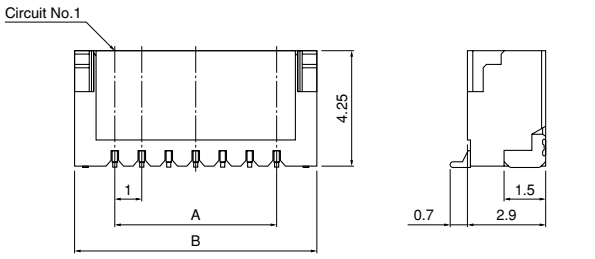
Material
PBT, UL94V-0, natural (white)

RoHS compliance

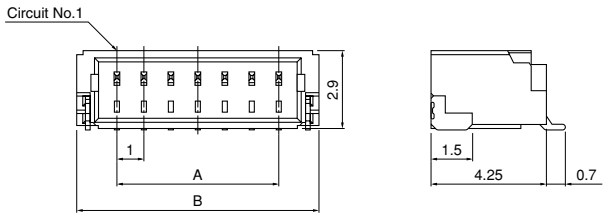
Shrouded header

The shrouded headers are interchangeable with those of the SR insulation displacement connectors.

Top entry type



Side entry type



Circuits	Model No.		Dimensions (mm)		Q'ty/reel	
	Top entry type	Side entry type	A	B	Top entry type	Side entry type
2	**BM02B-SRSS-TB**	**SM02B-SRSS-TB**	1.0	4.0	1,500	3,000
3	**BM03B-SRSS-TB**	**SM03B-SRSS-TB**	2.0	5.0	1,500	3,000
4	**BM04B-SRSS-TB**	**SM04B-SRSS-TB**	3.0	6.0	1,500	3,000
5	**BM05B-SRSS-TB**	**SM05B-SRSS-TB**	4.0	7.0	1,500	3,000
6	**BM06B-SRSS-TB**	**SM06B-SRSS-TB**	5.0	8.0	1,500	3,000
7	**BM07B-SRSS-TB**	**SM07B-SRSS-TB**	6.0	9.0	1,500	3,000
8	**BM08B-SRSS-TB**	**SM08B-SRSS-TB**	7.0	10.0	1,500	3,000
9	**BM09B-SRSS-TB**	**SM09B-SRSS-TB**	8.0	11.0	1,500	3,000
10	**BM10B-SRSS-TB**	**SM10B-SRSS-TB**	9.0	12.0	1,500	3,000
11	**BM11B-SRSS-TB**	**SM11B-SRSS-TB**	10.0	13.0	1,500	3,000
12	**BM12B-SRSS-TB**	**SM12B-SRSS-TB**	11.0	14.0	1,500	3,000
13	**BM13B-SRSS-TB**	**SM13B-SRSS-TB**	12.0	15.0	1,500	3,000
14	**BM14B-SRSS-TB**	**SM14B-SRSS-TB**	13.0	16.0	1,500	3,000
15	**BM15B-SRSS-TB**	**SM15B-SRSS-TB**	14.0	17.0	1,500	3,000
20	—	**SM20B-SRSS-TB**	19.0	22.0	—	3,000

Material and Finish
Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Housing: PA, UL94V-0, natural (ivory) Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

RoHS compliance *This product displays (LF)(SN) on a label.*

Note: 1. The products listed above are supplied on embossed-tape.
2. Contact JST for the headers with gold-plated pins.
3. Contact JST for the top entry type headers with suction cap.

Unikeyic Electronics

Global Electronic Components Distributor

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JST:

RF-H102TD-1130 CZHR-14V-S ELR-04V HLP-03V SJWPST-21T-M1.0N SM08B-NSHSS-TB(LF)(SN) SMR-02V-B PAP-16V-S PSIP-10V-LE SMP-10V-NC VLS-03V BM02B-NSHSS-TBT (LF)(SN) S02B-XASS-1 S7B-PH-K-S(LF)(SN) SMR-10V-N XMS-03V 04P-SJN BM24B-ZPDSS-TF (LF)(SN) SM09B-ZESS-TB (LF)(SN) SRC-51T-M4 XARP-05V XADRP-18V 04JQ-BT PUDP-34V-S SFKR-02V-S SJ2M-01GF-M1.0N XMR-02V 8P-SAN WC-491 BM02B-NSHSS-TBT