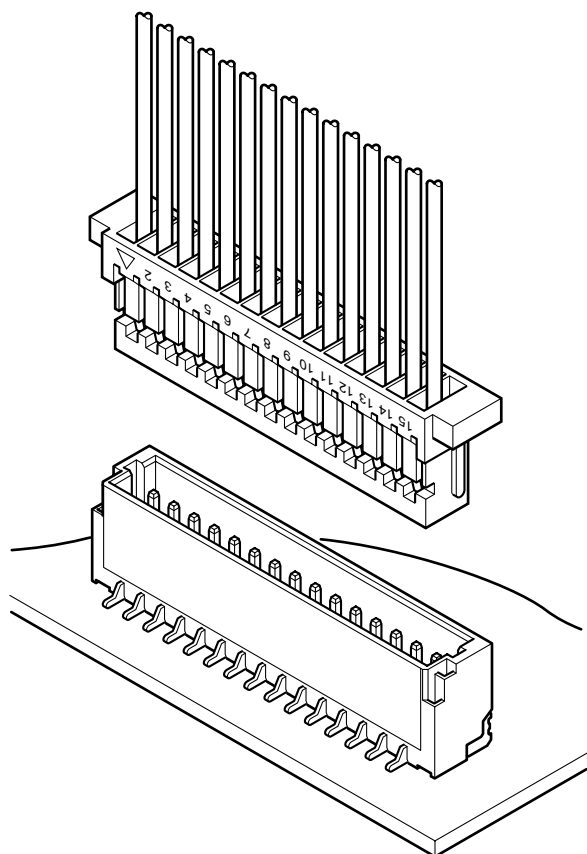


SH CONNECTOR

Disconnectable Crimp style connectors



The world's first 1.0mm (.039") pitch crimp style connector.



Features

• Ultra-compact, low profile design

The SH connector is very small with a mounting height of 2.95mm (.116") for side entry type.

• Compatible with the SR insulation displacement connectors

The same shrouded header can be used for the SR insulation displacement connector.

• Housing lances

The contact retention lances on the resilient housing allow the confirmation of contact lock-in for easy and secure insertion.

Specifications

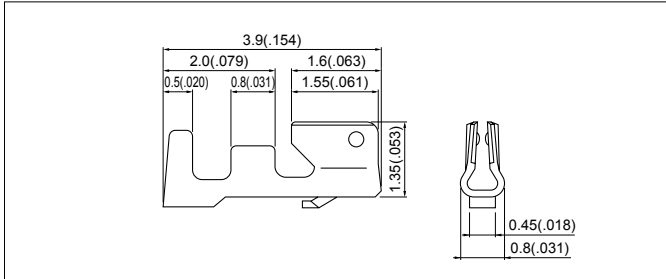
- Current rating: 1.0A AC, DC (AWG #28)
 - Voltage rating: 50V AC, DC
 - Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
 - Contact resistance: Initial value/20m Ω max.
After environmental testing/40m Ω max.
 - Insulation resistance: 100M Ω min.
 - Withstanding voltage: 500V AC/minute
 - Applicable wire: AWG #32 to #28
Insulation O.D./0.4 to 0.8mm (.016" to .031")
- * 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

- 0 Recognized E60389
- 1 Certified LR20812

SH CONNECTOR

Contact

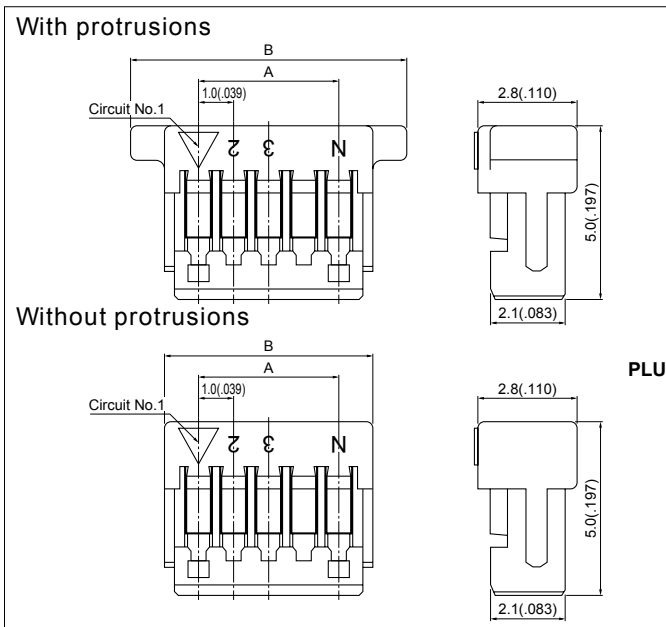


Model No.	Applicable wire			Q'ty / reel
	mm ²	AWG#	Insulation O.D. mm(in.)	
SSH-003T-P0.2-H	0.032 to 0.08	32 to 28	0.4 to 0.8(.016 to .031)	23,000

Material and Finish
Phosphor bronze, tin-plated

Note: Contact JST for gold-plated contacts.

Housing



Circuits	Model No.		Dimensions mm(in.)			Q'ty / box
	With protrusions	Without protrusions	A	B		
2	SHR-02V-S-B	SHR-02V-S	1.0(.039)	5.0(.197)	3.0(.118)	2,000
3	SHR-03V-S-B	SHR-03V-S	2.0(.079)	6.0(.236)	4.0(.157)	2,000
4	SHR-04V-S-B	SHR-04V-S	3.0(.118)	7.0(.276)	5.0(.197)	2,000
5	SHR-05V-S-B	SHR-05V-S	4.0(.157)	8.0(.315)	6.0(.236)	2,000
6	SHR-06V-S-B	SHR-06V-S	5.0(.197)	9.0(.354)	7.0(.276)	2,000
7	SHR-07V-S-B	SHR-07V-S	6.0(.236)	10.0(.394)	8.0(.315)	2,000
8	SHR-08V-S-B	SHR-08V-S	7.0(.276)	11.0(.433)	9.0(.354)	2,000
9	SHR-09V-S-B	SHR-09V-S	8.0(.315)	12.0(.472)	10.0(.394)	2,000
10	SHR-10V-S-B	SHR-10V-S	9.0(.354)	13.0(.512)	11.0(.433)	2,000
11	SHR-11V-S-B	SHR-11V-S	10.0(.394)	14.0(.551)	12.0(.472)	2,000
12	SHR-12V-S-B	SHR-12V-S	11.0(.433)	15.0(.591)	13.0(.512)	2,000
13	SHR-13V-S-B	SHR-13V-S	12.0(.472)	16.0(.630)	14.0(.551)	2,000
14	SHR-14V-S-B	SHR-14V-S	13.0(.512)	17.0(.669)	15.0(.591)	2,000
15	SHR-15V-S-B	SHR-15V-S	14.0(.551)	18.0(.709)	16.0(.630)	2,000
20	SHR-20V-S-B	-	19.0(.748)	23.0(.906)	21.0(.827)	2,000

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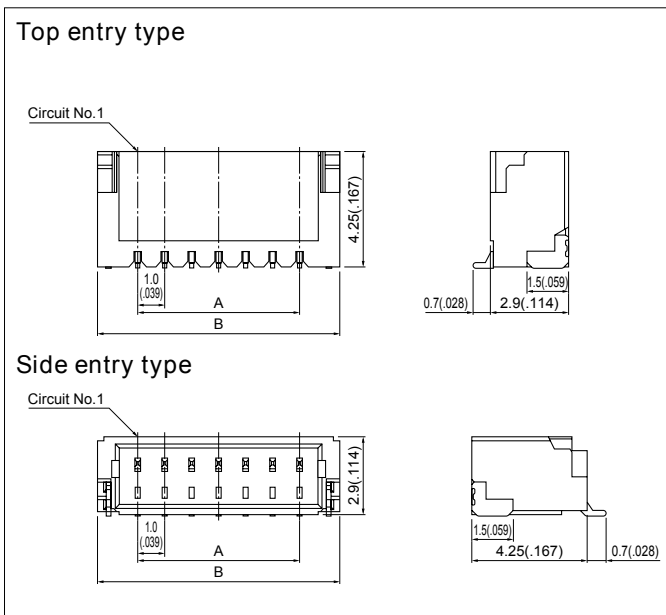
Material

PBT, UL94V-0, natural (white)

Note: SHR-20V-S-B is not CSA approved.

Shrouded header

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



Circuits	Model No.		Dimensions mm(in.)		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(.039)	4.0(.157)	1,500	3,000
3	BM03B-SRSS-TB	SM03B-SRSS-TB	2.0(.079)	5.0(.197)	1,500	3,000
4	BM04B-SRSS-TB	SM04B-SRSS-TB	3.0(.118)	6.0(.236)	1,500	3,000
5	BM05B-SRSS-TB	SM05B-SRSS-TB	4.0(.157)	7.0(.276)	1,500	3,000
6	BM06B-SRSS-TB	SM06B-SRSS-TB	5.0(.197)	8.0(.315)	1,500	3,000
7	BM07B-SRSS-TB	SM07B-SRSS-TB	6.0(.236)	9.0(.354)	1,500	3,000
8	BM08B-SRSS-TB	SM08B-SRSS-TB	7.0(.276)	10.0(.394)	1,500	3,000
9	BM09B-SRSS-TB	SM09B-SRSS-TB	8.0(.315)	11.0(.433)	1,500	3,000
10	BM10B-SRSS-TB	SM10B-SRSS-TB	9.0(.354)	12.0(.472)	1,500	3,000
11	BM11B-SRSS-TB	SM11B-SRSS-TB	10.0(.394)	13.0(.512)	1,500	3,000
12	BM12B-SRSS-TB	SM12B-SRSS-TB	11.0(.433)	14.0(.551)	1,500	3,000
13	BM13B-SRSS-TB	SM13B-SRSS-TB	12.0(.472)	15.0(.591)	1,500	3,000
14	BM14B-SRSS-TB	SM14B-SRSS-TB	13.0(.512)	16.0(.630)	1,500	3,000
15	BM15B-SRSS-TB	SM15B-SRSS-TB	14.0(.551)	17.0(.669)	1,500	3,000
20	-	SM20B-SRSS-TB	19.0(.748)	22.0(.866)	-	3,000

Material and Finish

Contact: Copper alloy, copper-undercoated, tin/lead-plated

Housing: Polyamide, UL94V-0, natural (ivory)

Solder tab: Brass, copper-undercoated, tin/lead-plated

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.

4. SM20B-SRSS-TB is not CSA approved.