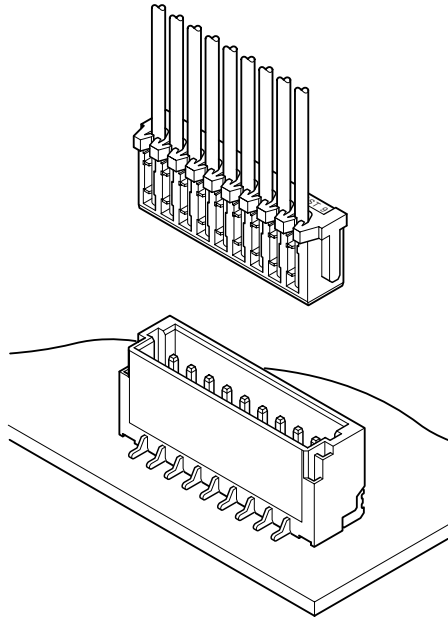




# SR CONNECTOR

1.0mm pitch/Disconnectable Insulation displacement connectors



- Compact insulation displacement connector
- Header designed for vacuum pick and place robotics
- Twin U-slot insulation displacement section
- 3-point grip construction

## Specifications

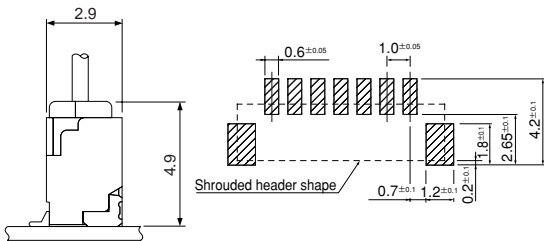
- Current rating: 0.7A DC
  - Voltage rating: 50V DC
  - Temperature range: -25°C to +85°C  
(including temperature rise in applying electrical current)
  - Contact resistance: Initial value/20m Ω max.  
After environmental testing/40m Ω max.
  - Insulation resistance: 100M Ω min.
  - Withstanding voltage: 500V AC/minute
  - Applicable wire: Conductor size/AWG #30  
Conductor/7 strands,  
tin-coated annealed copper  
Insulation O.D./0.54 to 0.58mm
- \* RoHS compliant products are published.  
\* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.  
\* Contact JST for details.

## Standards

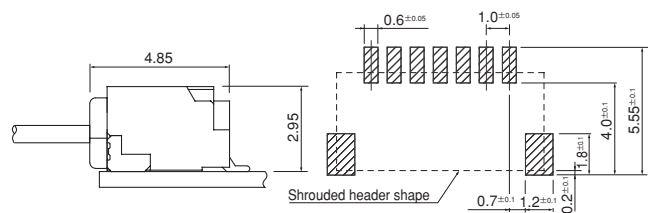
- Ⓜ Recognized E60389
- Ⓢ Certified LR20812

## PC board layout (viewed from component side) and Assembly layout

### Top entry type



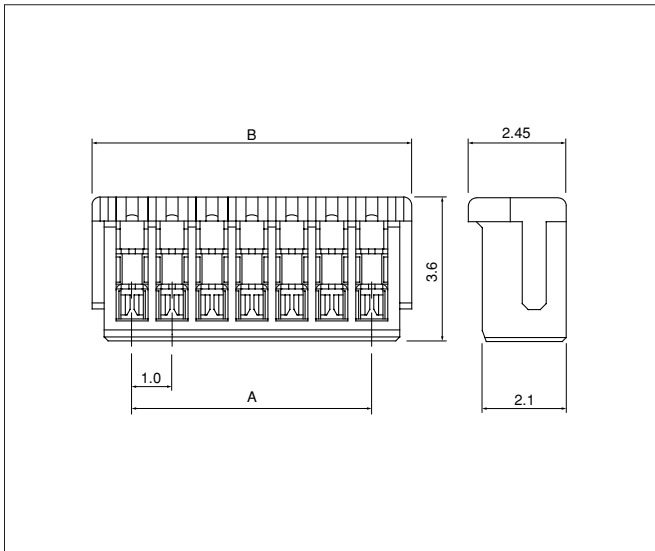
### Side entry type



Note: 1. Tolerances are non-cumulative:  $\pm 0.05\text{mm}$  for all centers.  
2. Dimensions above should serve as a guideline. Contact JST for details.

# SR CONNECTOR

## Receptacle



Cir- cuits	Model No.	Dimensions (mm)		Q'ty / box
		A	B	
2	<b>02SR-3S</b>	1.0	3.0	2,000
3	<b>03SR-3S</b>	2.0	4.0	2,000
4	<b>04SR-3S</b>	3.0	5.0	2,000
5	<b>05SR-3S</b>	4.0	6.0	2,000
6	<b>06SR-3S</b>	5.0	7.0	2,000
7	<b>07SR-3S</b>	6.0	8.0	2,000
8	<b>08SR-3S</b>	7.0	9.0	2,000
9	<b>09SR-3S</b>	8.0	10.0	2,000
10	<b>10SR-3S</b>	9.0	11.0	2,000
11	<b>11SR-3S</b>	10.0	12.0	2,000
12	<b>12SR-3S</b>	11.0	13.0	2,000
13	<b>13SR-3S</b>	12.0	14.0	2,000
14	<b>14SR-3S</b>	13.0	15.0	2,000

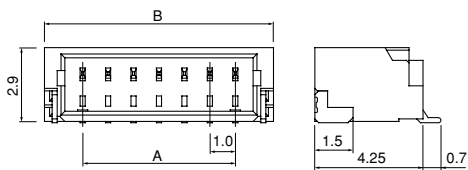
### Material and Finish

Contact: Phosphor bronze, tin-plated (reflow treatment)  
Housing: PA, UL94V-0, natural

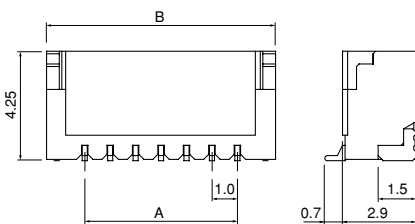
**RoHS compliance**

## Shrouded header

### Side entry type



### Top entry type



Cir- cuits	Top entry type	Side entry type	Dimensions (mm)		Q'ty / reel	
			A	B	Top entry type	Side entry type
2	<b>BM02B-SRSS-TB</b>	<b>SM02B-SRSS-TB</b>	1.0	4.0	1,500	3,000
3	<b>BM03B-SRSS-TB</b>	<b>SM03B-SRSS-TB</b>	2.0	5.0	1,500	3,000
4	<b>BM04B-SRSS-TB</b>	<b>SM04B-SRSS-TB</b>	3.0	6.0	1,500	3,000
5	<b>BM05B-SRSS-TB</b>	<b>SM05B-SRSS-TB</b>	4.0	7.0	1,500	3,000
6	<b>BM06B-SRSS-TB</b>	<b>SM06B-SRSS-TB</b>	5.0	8.0	1,500	3,000
7	<b>BM07B-SRSS-TB</b>	<b>SM07B-SRSS-TB</b>	6.0	9.0	1,500	3,000
8	<b>BM08B-SRSS-TB</b>	<b>SM08B-SRSS-TB</b>	7.0	10.0	1,500	3,000
9	<b>BM09B-SRSS-TB</b>	<b>SM09B-SRSS-TB</b>	8.0	11.0	1,500	3,000
10	<b>BM10B-SRSS-TB</b>	<b>SM10B-SRSS-TB</b>	9.0	12.0	1,500	3,000
11	<b>BM11B-SRSS-TB</b>	<b>SM11B-SRSS-TB</b>	10.0	13.0	1,500	3,000
12	<b>BM12B-SRSS-TB</b>	<b>SM12B-SRSS-TB</b>	11.0	14.0	1,500	3,000
13	<b>BM13B-SRSS-TB</b>	<b>SM13B-SRSS-TB</b>	12.0	15.0	1,500	3,000
14	<b>BM14B-SRSS-TB</b>	<b>SM14B-SRSS-TB</b>	13.0	16.0	1,500	3,000

### Material and Finish

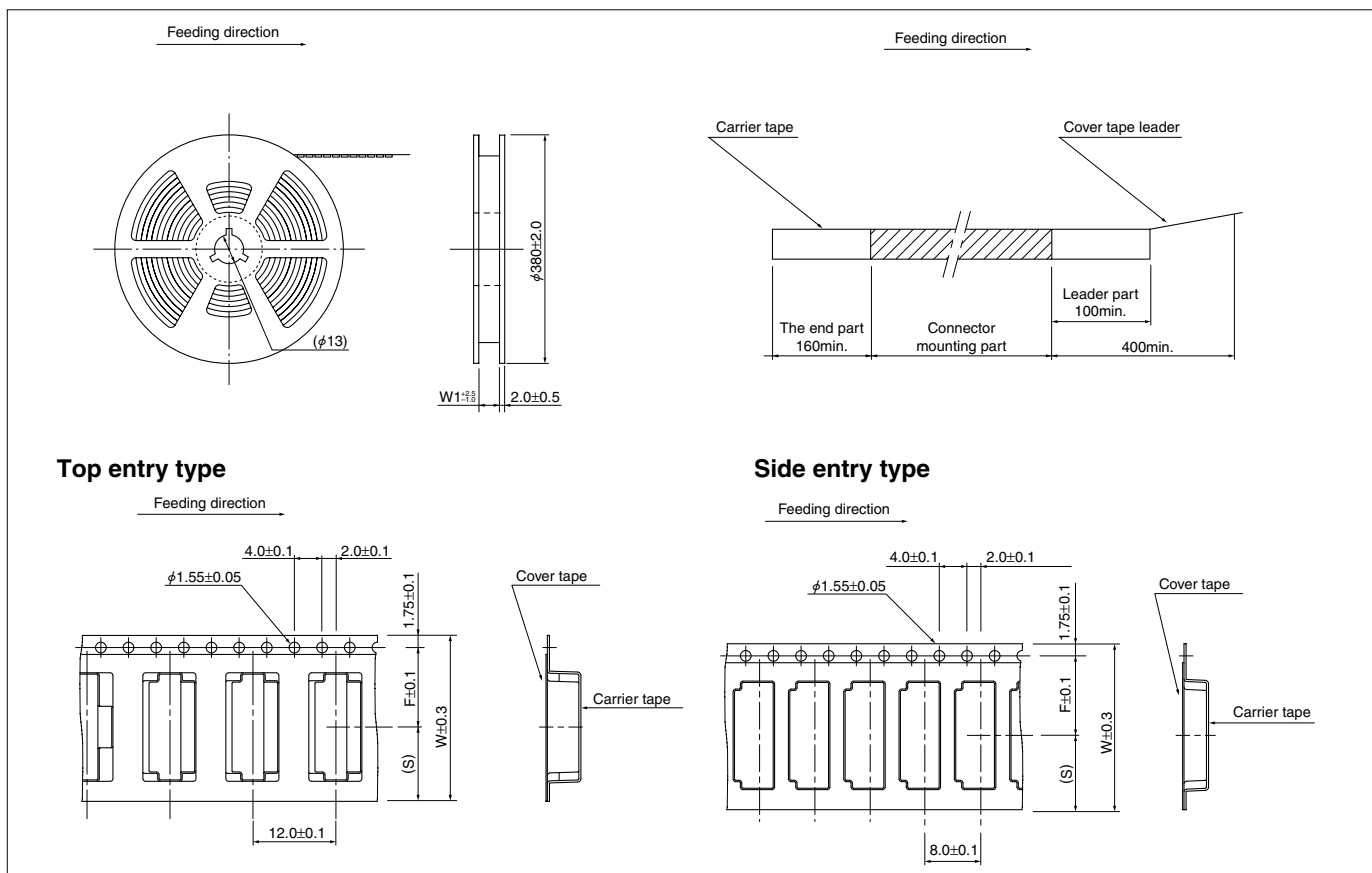
Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment)  
Wafer: PA, UL94V-0, natural  
Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

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

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

# SR CONNECTOR

## Taping specifications



Circuits	Taping dimensions (mm)						Reel dimensions (mm)		Q'ty / reel	
	F		S		W		W1		Top entry type	Side entry type
	Top entry type	Side entry type	Top entry type	Side entry type	Top entry type	Side entry type	Top entry type	Side entry type		
2 to 3	5.5	5.5	4.75	4.75	12.0	12.0	13.5	13.5	1,500	3,000
4	7.5	5.5	6.75	4.75	16.0	12.0	17.5	13.5	1,500	3,000
5 to 7	7.5	7.5	6.75	6.75	16.0	16.0	17.5	17.5	1,500	3,000
8	11.5	7.5	10.75	6.75	24.0	16.0	25.5	17.5	1,500	3,000
9 to 14	11.5	11.5	10.75	10.75	24.0	24.0	25.5	25.5	1,500	3,000

- Note:**
- Specifications conform to JIS C 0806. The tape width, connector recess hole dimensions, etc. are determined by the number of circuits and external shape of the connector to be loaded.
  - Specifications are subject to change without prior notice.