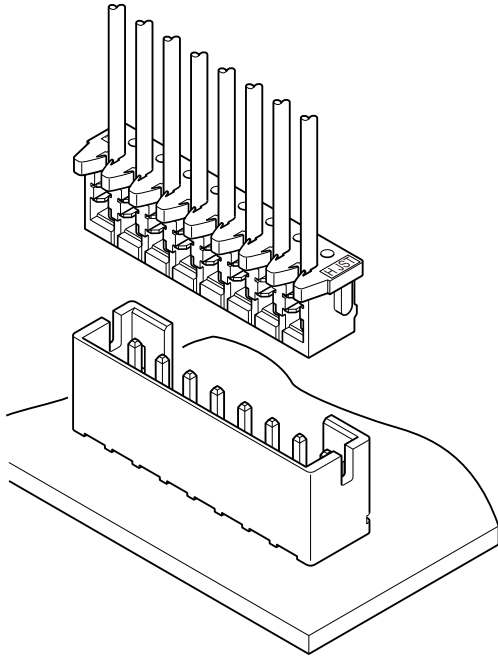


# CK CONNECTOR

2.0mm pitch/Disconnectable Insulation displacement connectors



**Multi-harness of CK connector (2.0mm) and CZ connector (1.5mm) combination has been realized. The in-line type IDC features low profile design with 6.9mm mounting height and 4.8mm thickness (top entry type).**

- UL10272 wire is applicable
- Folded beam double-leaf contact construction
- Twin U-slot insulation displacement section
- Strain relief

## Specifications

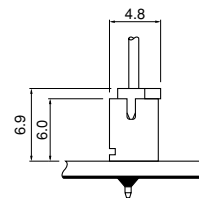
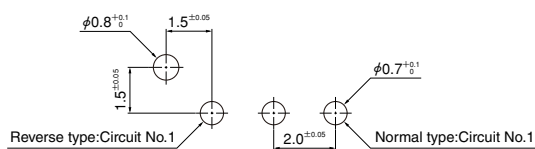
- Current rating: 2A AC, DC (AWG #26)
- Voltage rating: 100V AC, DC
- Temperature range: -25°C to +85°C  
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/10m Ω max.  
After environmental testing/20m Ω max.
- Insulation resistance: 1,000M Ω min.
- Withstanding voltage: 800V AC/minute
- Applicable wire: UL1061, UL10272(Contact JST for details regarding other UL styles.)  
AWG #28, #26  
Conductor/tin-plated annealed copper strands  
Insulation O.D./0.75 to 1.05mm
- Applicable PC board thickness: 0.8 to 1.6mm
- \* Compliant with RoHS.
- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- \* Contact JST for details.

## Standards

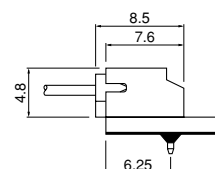
- Recognized E60389
- Ⓢ Certified LR20812

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

### Top entry type



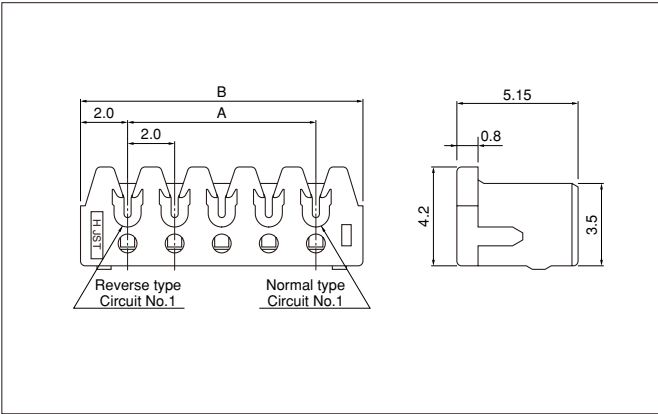
### Side entry type



Note: 1. Tolerances are non-cumulative: ±0.05mm for all centers.

2. Hole dimensions differ according to the kind of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.

## Socket



Circuits	Model No.		Dimensions (mm)		Q'ty / box
	Normal type	Reverse type	A	B	
2	<b>02CK-6H-P</b>	<b>02CK-6H-PC</b>	2.0	6.0	2,000
3	<b>03CK-6H-P</b>	<b>03CK-6H-PC</b>	4.0	8.0	2,000
4	<b>04CK-6H-P</b>	<b>04CK-6H-PC</b>	6.0	10.0	2,000
5	<b>05CK-6H-P</b>	<b>05CK-6H-PC</b>	8.0	12.0	2,000
6	<b>06CK-6H-P</b>	<b>06CK-6H-PC</b>	10.0	14.0	2,000
7	<b>07CK-6H-P</b>	<b>07CK-6H-PC</b>	12.0	16.0	1,000
8	<b>08CK-6H-P</b>	<b>08CK-6H-PC</b>	14.0	18.0	1,000
9	<b>09CK-6H-P</b>	<b>09CK-6H-PC</b>	16.0	20.0	1,000
10	<b>10CK-6H-P</b>	<b>10CK-6H-PC</b>	18.0	22.0	1,000
11	<b>11CK-6H-P</b>	<b>11CK-6H-PC</b>	20.0	24.0	1,000
12	<b>12CK-6H-P</b>	<b>12CK-6H-PC</b>	22.0	26.0	1,000
13	<b>13CK-6H-P</b>	<b>13CK-6H-PC</b>	24.0	28.0	500
14	<b>14CK-6H-P</b>	<b>14CK-6H-PC</b>	26.0	30.0	500
15	<b>15CK-6H-P</b>	<b>15CK-6H-PC</b>	28.0	32.0	500

### Material and Finish

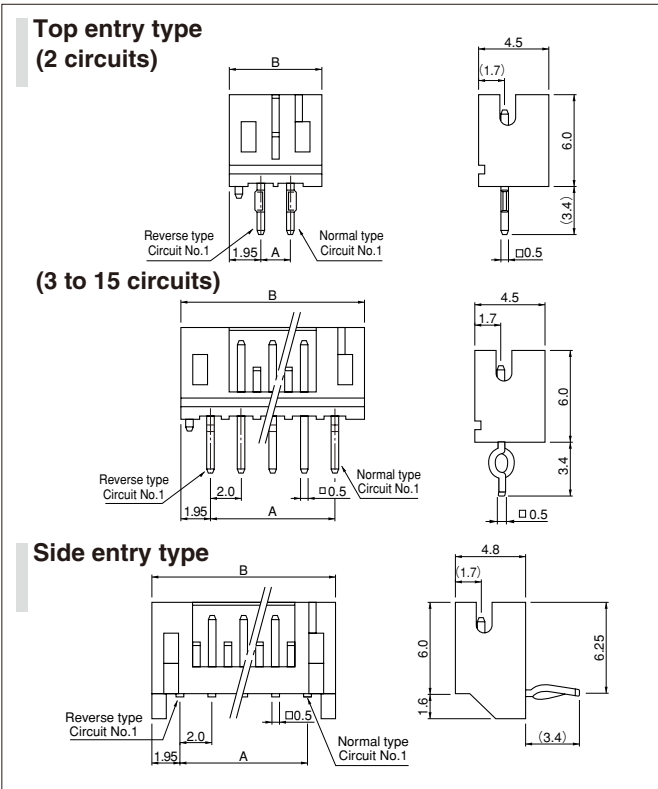
Contact: Copper alloy, tin-plated (reflow treatment)  
Housing: Glass-filled PA 66

### RoHS compliance

<For reference> As the color identification, the following alphabet shall be put in the underlined part. For availability, delivery and minimum order quantity, contact JST.

ex. **02CK-6H-P**  
H...gray Y...yellow R...red N...brown

## Single-row shrouded header (Through-hole type)



Circuits	Model No.				Dimensions (mm)		Q'ty / box	
	Normal type		Reverse type		A	B	Top entry type	Side entry type
	Top entry type (with a boss)	Side entry type	Top entry type (with a boss)	Side entry type				
2	<b>B2B-PH-KBL-H</b>	<b>S2B-PH-KL</b>	<b>B2B-PH-KBLC-H</b>	<b>S2B-PH-KLC-H</b>	2.0	5.9	1,000	1,000
3	<b>B3B-PH-KBL-H</b>	<b>S3B-PH-KL</b>	<b>B3B-PH-KBLC-H</b>	<b>S3B-PH-KLC-H</b>	4.0	7.9	1,000	1,000
4	<b>B4B-PH-KBL-H</b>	<b>S4B-PH-KL</b>	<b>B4B-PH-KBLC-H</b>	<b>S4B-PH-KLC-H</b>	6.0	9.9	1,000	500
5	<b>B5B-PH-KBL-H</b>	<b>S5B-PH-KL</b>	<b>B5B-PH-KBLC-H</b>	<b>S5B-PH-KLC-H</b>	8.0	11.9	1,000	500
6	<b>B6B-PH-KBL-H</b>	<b>S6B-PH-KL</b>	<b>B6B-PH-KBLC-H</b>	<b>S6B-PH-KLC-H</b>	10.0	13.9	1,000	500
7	<b>B7B-PH-KBL-H</b>	<b>S7B-PH-KL</b>	<b>B7B-PH-KBLC-H</b>	<b>S7B-PH-KLC-H</b>	12.0	15.9	500	500
8	<b>B8B-PH-KBL-H</b>	<b>S8B-PH-KL</b>	<b>B8B-PH-KBLC-H</b>	<b>S8B-PH-KLC-H</b>	14.0	17.9	500	250
9	<b>B9B-PH-KBL-H</b>	<b>S9B-PH-KL</b>	<b>B9B-PH-KBLC-H</b>	<b>S9B-PH-KLC-H</b>	16.0	19.9	500	250
10	<b>B10B-PH-KBL-H</b>	<b>S10B-PH-KL</b>	<b>B10B-PH-KBLC-H</b>	<b>S10B-PH-KLC-H</b>	18.0	21.9	500	250
11	<b>B11B-PH-KBL-H</b>	<b>S11B-PH-KL</b>	<b>B11B-PH-KBLC-H</b>	<b>S11B-PH-KLC-H</b>	20.0	23.9	500	250
12	<b>B12B-PH-KBL-H</b>	<b>S12B-PH-KL</b>	<b>B12B-PH-KBLC-H</b>	<b>S12B-PH-KLC-H</b>	22.0	25.9	500	250
13	<b>B13B-PH-KBL-H</b>	<b>S13B-PH-KL</b>	<b>B13B-PH-KBLC-H</b>	<b>S13B-PH-KLC-H</b>	24.0	27.9	250	250
14	<b>B14B-PH-KBL-H</b>	<b>S14B-PH-KL</b>	<b>B14B-PH-KBLC-H</b>	<b>S14B-PH-KLC-H</b>	26.0	29.9	250	200
15	<b>B15B-PH-KBL-H</b>	<b>S15B-PH-KL</b>	<b>B15B-PH-KBLC-H</b>	<b>S15B-PH-KLC-H</b>	28.0	31.9	250	200

### Material and Finish

Post: Copper alloy, copper-undercoated, tin-plated (reflow treatment)  
Housing: PA 66, UL94V-0, gray

**RoHS compliance** This product displays (LF)(SN) on a label. Note: Top entry type headers without bosses are also available.

<For reference> As the color identification, the following alphabet shall be put in the underlined part. For availability, delivery and minimum order quantity, contact JST.

ex. **B2B-PH-KBLC-H**  
H...gray Y...yellow R...red N...brown  
(blank)...gray (normal side entry type only)