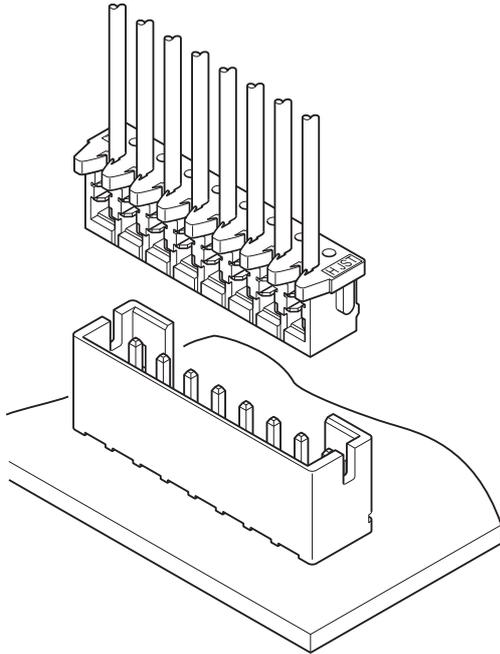


CK CONNECTOR



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

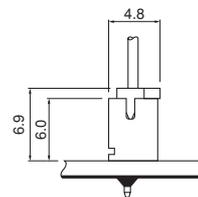
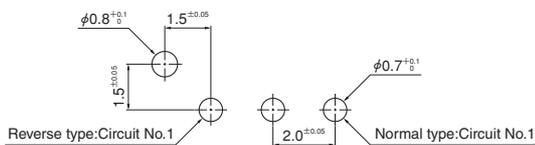
- Current rating: 2A AC, DC (AWG #26)
- Voltage rating: 100V AC, DC
- Temperature range: -25°C to +85°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/10m Ω max.
After environmental testing/20m Ω max.
- Insulation resistance: 1,000M Ω min.
- Withstanding 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

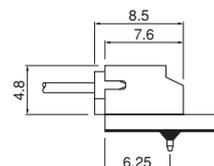
- Ⓜ Recognized E60389
- Ⓢ Certified LR20812

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

Top entry type



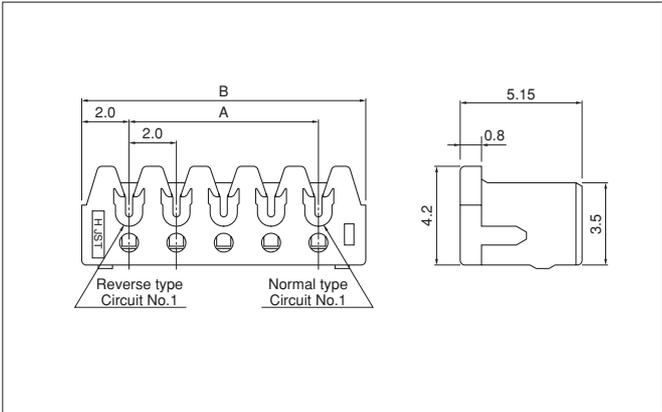
Side entry type



Note: 1. Tolerances are non-cumulative: $\pm 0.05\text{mm}$ 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 | 02CK-6H-P | 02CK-6H-PC | 2.0 | 6.0 | 2,000 |
| 3 | 03CK-6H-P | 03CK-6H-PC | 4.0 | 8.0 | 2,000 |
| 4 | 04CK-6H-P | 04CK-6H-PC | 6.0 | 10.0 | 2,000 |
| 5 | 05CK-6H-P | 05CK-6H-PC | 8.0 | 12.0 | 2,000 |
| 6 | 06CK-6H-P | 06CK-6H-PC | 10.0 | 14.0 | 2,000 |
| 7 | 07CK-6H-P | 07CK-6H-PC | 12.0 | 16.0 | 1,000 |
| 8 | 08CK-6H-P | 08CK-6H-PC | 14.0 | 18.0 | 1,000 |
| 9 | 09CK-6H-P | 09CK-6H-PC | 16.0 | 20.0 | 1,000 |
| 10 | 10CK-6H-P | 10CK-6H-PC | 18.0 | 22.0 | 1,000 |
| 11 | 11CK-6H-P | 11CK-6H-PC | 20.0 | 24.0 | 1,000 |
| 12 | 12CK-6H-P | 12CK-6H-PC | 22.0 | 26.0 | 1,000 |
| 13 | 13CK-6H-P | 13CK-6H-PC | 24.0 | 28.0 | 500 |
| 14 | 14CK-6H-P | 14CK-6H-PC | 26.0 | 30.0 | 500 |
| 15 | 15CK-6H-P | 15CK-6H-PC | 28.0 | 32.0 | 500 |

Material and Finish

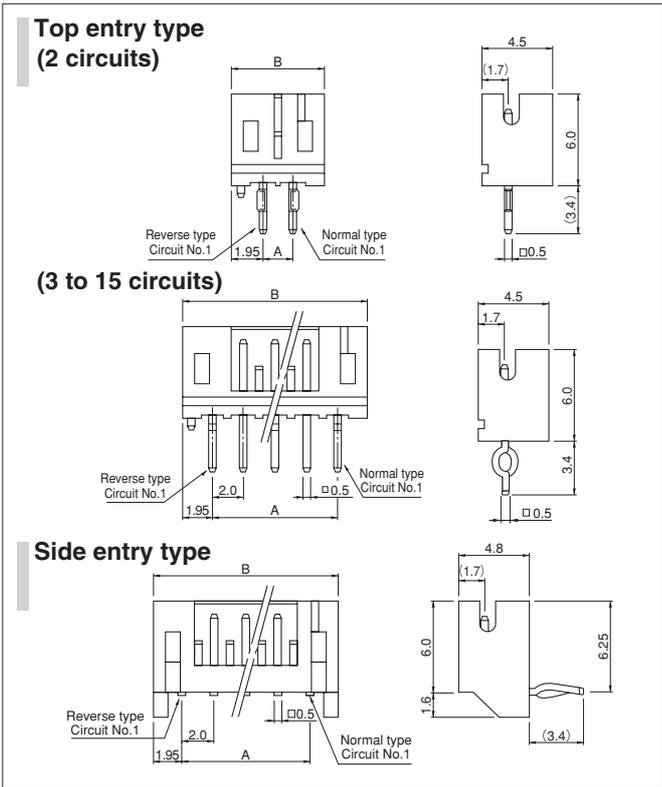
Contact: Copper alloy, tin-plated (reflow treatment)
Housing: Glass-filled PA 66

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 | B2B-PH-KBL-H | S2B-PH-KL | B2B-PH-KBLC-H | S2B-PH-KLC-H | 2.0 | 5.9 | 1,000 | 1,000 |
| 3 | B3B-PH-KBL-H | S3B-PH-KL | B3B-PH-KBLC-H | S3B-PH-KLC-H | 4.0 | 7.9 | 1,000 | 1,000 |
| 4 | B4B-PH-KBL-H | S4B-PH-KL | B4B-PH-KBLC-H | S4B-PH-KLC-H | 6.0 | 9.9 | 1,000 | 500 |
| 5 | B5B-PH-KBL-H | S5B-PH-KL | B5B-PH-KBLC-H | S5B-PH-KLC-H | 8.0 | 11.9 | 1,000 | 500 |
| 6 | B6B-PH-KBL-H | S6B-PH-KL | B6B-PH-KBLC-H | S6B-PH-KLC-H | 10.0 | 13.9 | 1,000 | 500 |
| 7 | B7B-PH-KBL-H | S7B-PH-KL | B7B-PH-KBLC-H | S7B-PH-KLC-H | 12.0 | 15.9 | 500 | 500 |
| 8 | B8B-PH-KBL-H | S8B-PH-KL | B8B-PH-KBLC-H | S8B-PH-KLC-H | 14.0 | 17.9 | 500 | 250 |
| 9 | B9B-PH-KBL-H | S9B-PH-KL | B9B-PH-KBLC-H | S9B-PH-KLC-H | 16.0 | 19.9 | 500 | 250 |
| 10 | B10B-PH-KBL-H | S10B-PH-KL | B10B-PH-KBLC-H | S10B-PH-KLC-H | 18.0 | 21.9 | 500 | 250 |
| 11 | B11B-PH-KBL-H | S11B-PH-KL | B11B-PH-KBLC-H | S11B-PH-KLC-H | 20.0 | 23.9 | 500 | 250 |
| 12 | B12B-PH-KBL-H | S12B-PH-KL | B12B-PH-KBLC-H | S12B-PH-KLC-H | 22.0 | 25.9 | 500 | 250 |
| 13 | B13B-PH-KBL-H | S13B-PH-KL | B13B-PH-KBLC-H | S13B-PH-KLC-H | 24.0 | 27.9 | 250 | 250 |
| 14 | B14B-PH-KBL-H | S14B-PH-KL | B14B-PH-KBLC-H | S14B-PH-KLC-H | 26.0 | 29.9 | 250 | 200 |
| 15 | B15B-PH-KBL-H | S15B-PH-KL | B15B-PH-KBLC-H | S15B-PH-KLC-H | 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)