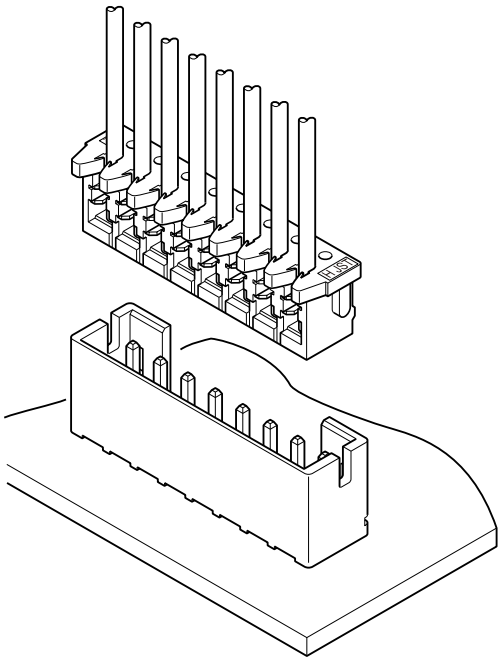


CK CONNECTOR

Emboss Tape

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.

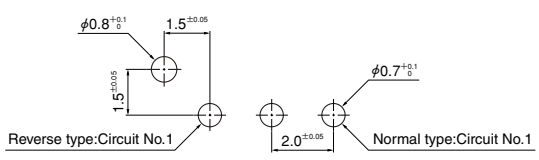
Standards

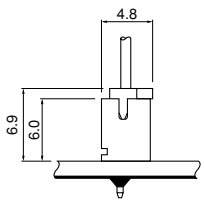
Recognized E60389

Certified LR20812

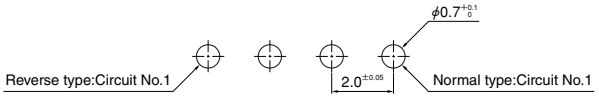
PC board layout (viewed from component side) and Assembly layout

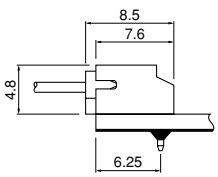
Top entry type





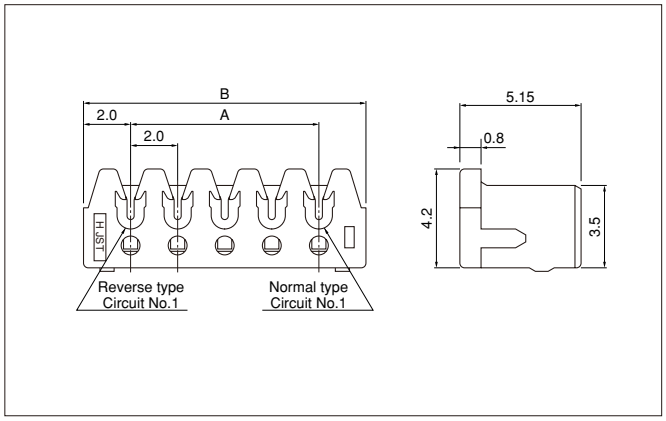
Side entry type





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	**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

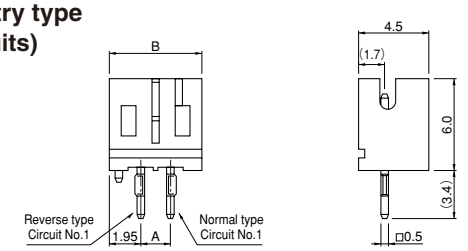
RoHS compliance

<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.

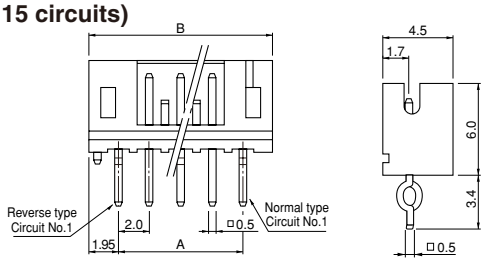
ex. **02CK-6H-P**
H…gray Y…yellow R…red N…brown

Single-row shrouded header (Through-hole type)

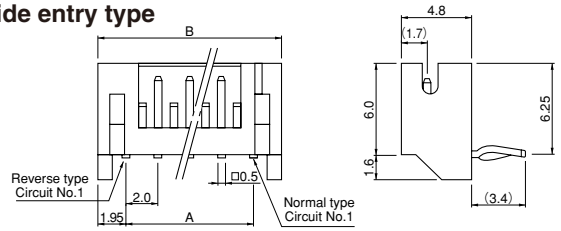
Top entry type (2 circuits)



(3 to 15 circuits)



Side entry type



Cir-cuits	Model No.				Dimensions (mm)		Q'ty / box	
	Normal type		Reverse type					
	Top entry type (with a boss)	Side entry type	Top entry type (with a boss)	Side entry type	A	B	Top entry type	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)

Unikeyic Electronics

Global Electronic Components Distributor

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JST:

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