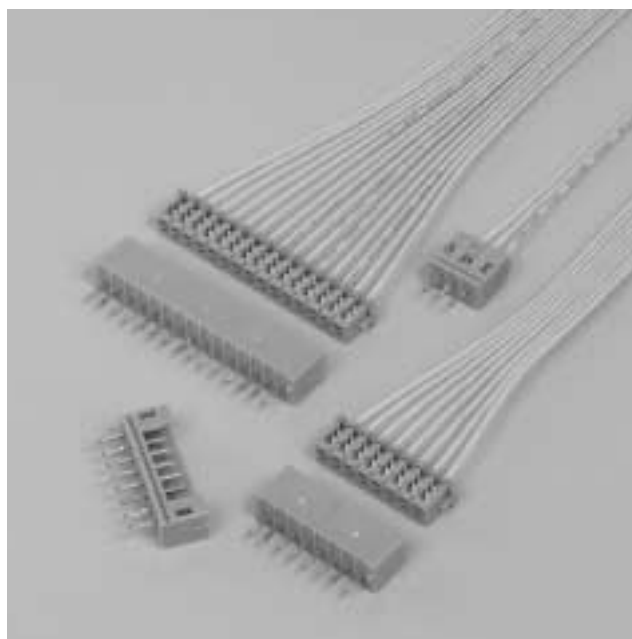
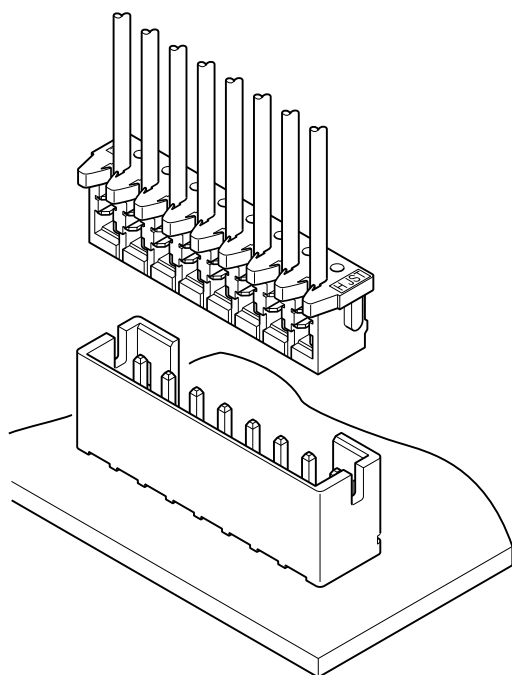


CK CONNECTOR

Disconnectable Insulation displacement connectors



Multi-harness of CK connector (2.0mm (.079")) and CZ connector (1.5mm(.059")) combination has been realized. The in-line type IDC features low profile design with 6.9mm (.272") mounting height and 4.8mm (.189") thick (top entry type).



Features

• **UL10272 wire is applicable**

UL10272 wire has come to be applicable for 2.0mm (.079") pitch IDC that enables to make multi-harness such as the combination of CK connector (2.0mm (.079")pitch) and CZ connector (1.5mm (.059") pitch). Selection of various connectors is possible.

• **Folded beam double-leaf contact construction**

The contact springs are folded to increase their effective strength. This design provides a safety margin that allows the contacts to endure the distortion of misinsertion without being permanently distorted.

• **Twin U-slot insulation displacement section**

The insulation displacement section connected to the wire consists of two tin-plated slots (twin U-slot) for high reliability.

• **Strain relief**

The strain relief feature prevents stress caused by vibration, impact or bending from effecting the insulation displacement connection. This is accomplished by holding the outside of the wire with the insulation gripping device on the housing. To protect circuit integrity from vibration and undue tension, ample clearance is provided between the insulation displacement connection and the 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 wires.)
AWG #28, #26
Conductor/tin-plated annealed copper strands
Insulation O.D./0.75 to 1.05mm(.030" to .041")
- Applicable PC board thickness: 0.8 to 1.6mm(.031" to .063")
- * Contact JST for details.

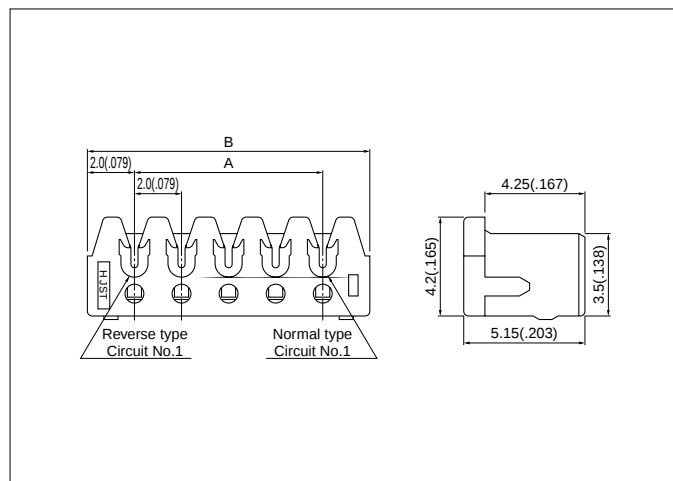
Standards

Recognized E60389

Certified LR20812

CK CONNECTOR

Receptacle

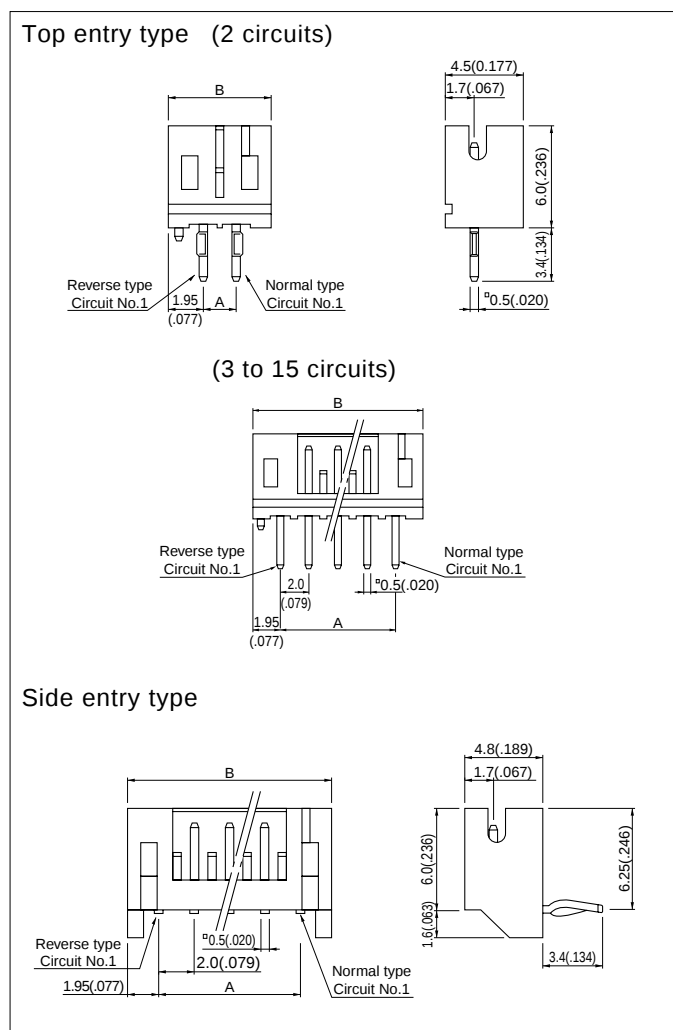


Cir- cuits	Model No.		Dimensions mm(in.)		Q'ty / box
	Normal type	Reverse type	A	B	
2	02CK-6H-P	02CK-6H-PC	2.0(.079)	6.0(.236)	2,000
3	03CK-6H-P	03CK-6H-PC	4.0(.157)	8.0(.315)	2,000
4	04CK-6H-P	04CK-6H-PC	6.0(.236)	10.0(.394)	2,000
5	05CK-6H-P	05CK-6H-PC	8.0(.315)	12.0(.472)	2,000
6	06CK-6H-P	06CK-6H-PC	10.0(.394)	14.0(.551)	2,000
7	07CK-6H-P	07CK-6H-PC	12.0(.472)	16.0(.630)	1,000
8	08CK-6H-P	08CK-6H-PC	14.0(.551)	18.0(.709)	1,000
9	09CK-6H-P	09CK-6H-PC	16.0(.630)	20.0(.787)	1,000
10	10CK-6H-P	10CK-6H-PC	18.0(.709)	22.0(.866)	1,000
11	11CK-6H-P	11CK-6H-PC	20.0(.787)	24.0(.945)	1,000
12	12CK-6H-P	12CK-6H-PC	22.0(.866)	26.0(1.024)	1,000
13	13CK-6H-P	13CK-6H-PC	24.0(.945)	28.0(1.102)	500
14	14CK-6H-P	14CK-6H-PC	26.0(1.024)	30.0(1.181)	500
15	15CK-6H-P	15CK-6H-PC	28.0(1.102)	32.0(1.260)	500

Material and Finish

Contact: Copper alloy, tin-plated
Housing: Glass-filled nylon 66

Single-row shrouded header (Through-hole type)



Cir- cuits	Normal type Model No.		Dimensions mm(in.)		Q'ty / box	
	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	2.0(.079)	5.9(.232)	1,000	1,000
3	B3B-PH-KBL-H	S3B-PH-KL	4.0(.157)	7.9(.311)	1,000	1,000
4	B4B-PH-KBL-H	S4B-PH-KL	6.0(.236)	9.9(.390)	1,000	500
5	B5B-PH-KBL-H	S5B-PH-KL	8.0(.315)	11.9(.469)	1,000	500
6	B6B-PH-KBL-H	S6B-PH-KL	10.0(.394)	13.9(.547)	1,000	500
7	B7B-PH-KBL-H	S7B-PH-KL	12.0(.472)	15.9(.626)	500	500
8	B8B-PH-KBL-H	S8B-PH-KL	14.0(.551)	17.9(.705)	500	250
9	B9B-PH-KBL-H	S9B-PH-KL	16.0(.630)	19.9(.783)	500	250
10	B10B-PH-KBL-H	S10B-PH-KL	18.0(.709)	21.9(.862)	500	250
11	B11B-PH-KBL-H	S11B-PH-KL	20.0(.787)	23.9(.941)	500	250
12	B12B-PH-KBL-H	S12B-PH-KL	22.0(.866)	25.9(1.020)	500	250
13	B13B-PH-KBL-H	S13B-PH-KL	24.0(.945)	27.9(1.098)	250	250
14	B14B-PH-KBL-H	S14B-PH-KL	26.0(1.024)	29.9(1.177)	250	250
15	B15B-PH-KBL-H	S15B-PH-KL	28.0(1.102)	31.9(1.256)	250	200

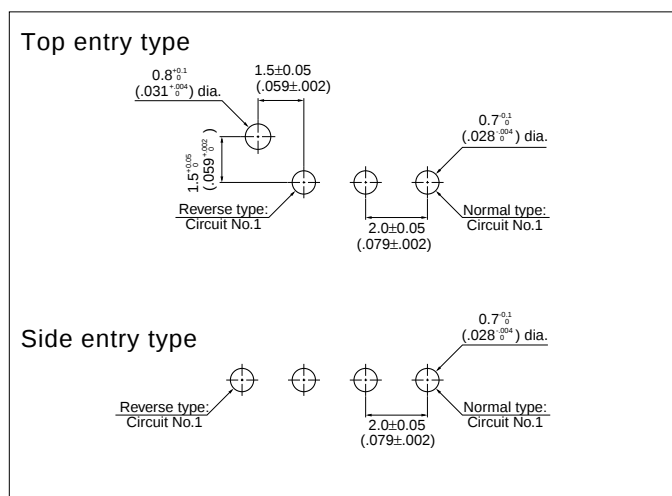
Cir- cuits	Reverse type Model No.		Dimensions mm(in.)		Q'ty / box	
	Top entry type (with a boss)	Side entry type	A	B	Top entry type	Side entry type
2	B2B-PH-KBLC-H	S2B-PH-KLC-H	2.0(.079)	5.9(.232)	1,000	1,000
3	B3B-PH-KBLC-H	S3B-PH-KLC-H	4.0(.157)	7.9(.311)	1,000	1,000
4	B4B-PH-KBLC-H	S4B-PH-KLC-H	6.0(.236)	9.9(.390)	1,000	500
5	B5B-PH-KBLC-H	S5B-PH-KLC-H	8.0(.315)	11.9(.469)	1,000	500
6	B6B-PH-KBLC-H	S6B-PH-KLC-H	10.0(.394)	13.9(.547)	1,000	500
7	B7B-PH-KBLC-H	S7B-PH-KLC-H	12.0(.472)	15.9(.626)	500	500
8	B8B-PH-KBLC-H	S8B-PH-KLC-H	14.0(.551)	17.9(.705)	500	250
9	B9B-PH-KBLC-H	S9B-PH-KLC-H	16.0(.630)	19.9(.783)	500	250
10	B10B-PH-KBLC-H	S10B-PH-KLC-H	18.0(.709)	21.9(.862)	500	250
11	B11B-PH-KBLC-H	S11B-PH-KLC-H	20.0(.787)	23.9(.941)	500	250
12	B12B-PH-KBLC-H	S12B-PH-KLC-H	22.0(.866)	25.9(1.020)	500	250
13	B13B-PH-KBLC-H	S13B-PH-KLC-H	24.0(.945)	27.9(1.098)	250	250
14	B14B-PH-KBLC-H	S14B-PH-KLC-H	26.0(1.024)	29.9(1.177)	250	250
15	B15B-PH-KBLC-H	S15B-PH-KLC-H	28.0(1.102)	31.9(1.256)	250	200

Material and Finish

Pin: Copper alloy, copper-undercoated, tin/lead-plated
Housing: Nylon 66, UL94V-0, gray

Note: Top entry type headers without bosses are also available.

PC board layout (viewed from component side) -----



Assembly layout-----

