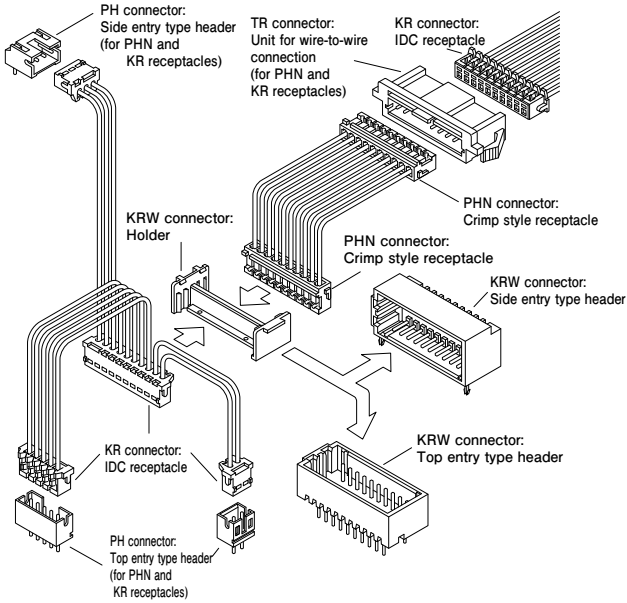


KR FAMILY/KR·PHN·KRW·TR·TRW CONNECTORS

2.0 mm pitch/Disconnectable IDC and Crimp style connectors



With the JST standard product KR connector as the core, according to using multi-harness insulation displacement connection by an automatic IDC machine, a holder for making a dual-row socket, a corresponding dual-row header, a header for wire-to-wire connection and so on, the high-density mounting of harnesses such as complicated shape is enabled.

- Multi-IDC-harnesses are possible
- Various types of connectors
- Cost reduction
- Two types of circuit layouts

Specifications

| Item | Series | KRW connector | TR and TRW connectors |
|-------------------------------|--------|---|-----------------------|
| Current rating | | 1.0 A AC/DC (AWG#26) | |
| Voltage rating | | 100 V AC/DC | |
| Temperature rise | | -25°C to +85°C (including temperature rise) | |
| Contact resistance | | Initial / 10 mΩ max. After environmental tests / 20 mΩ max. | |
| Insulation resistance | | 1,000 MΩ min. | |
| Withstanding voltage | | 800 VAC/minute | |
| Applicable connector | | KR connector, CR connector, PHN connector | |
| Applicable PC board thickness | | 1.6 mm | — |
| Applicable panel thickness | | — | 0.5 mm to 2 mm |

* In using the products, refer to "Handling Precautions for Terminals and Connectors" described on our website (Technical documents of Product information page).

* RoHS2 compliance

* Dimensional unit: mm

* Contact JST for details.

Standards

Ⓜ Recognized E60389

Ⓢ Certified LR20812

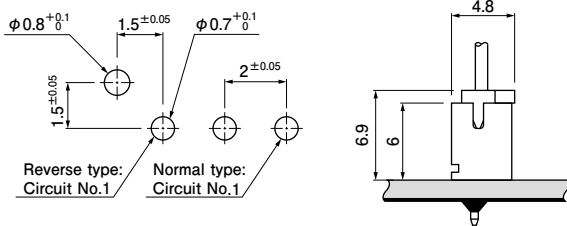
⚠ R75087: PH, PHN connectors

PC board layout and Assembly layout

Header (Single-row)

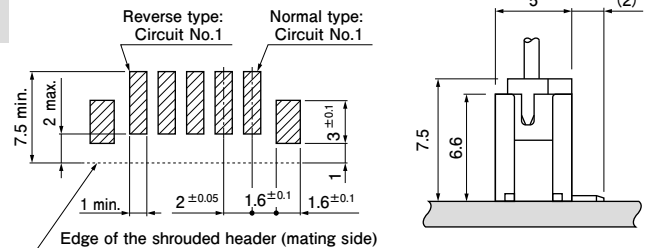
<Through-hole type (viewed from component side)>

Top entry type

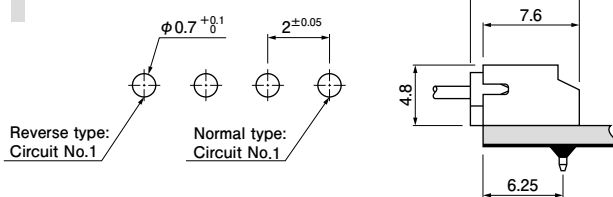


<SMTtype (viewed from soldering side)>

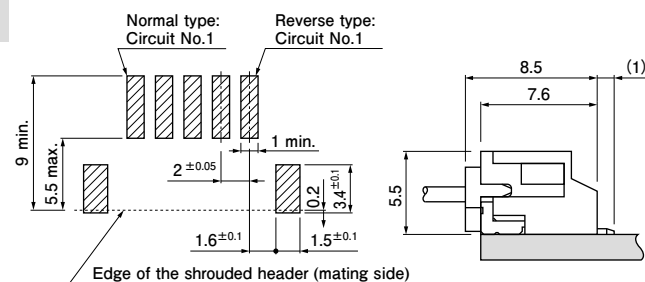
Top entry type



Side entry type



Side entry type



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

2. Hole dimensions differ according to the type of PC board and piercing method. Please contact JST for details as the dimensions shown in the above figure are reference values.

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

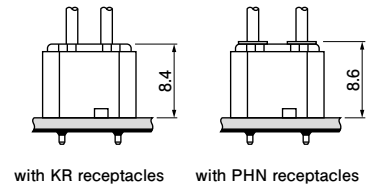
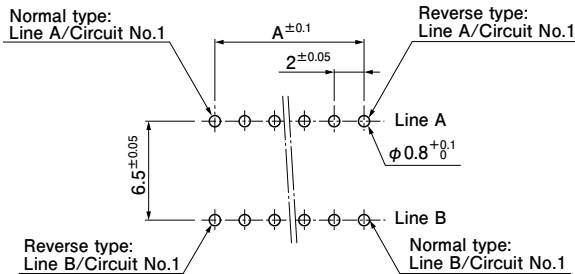
2. Please contact JST for details as the dimensions shown in the above figure are reference values.

KR FAMILY/KR·PHN·KRW·TR·TRW CONNECTORS

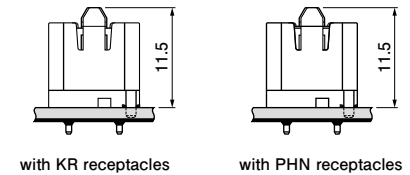
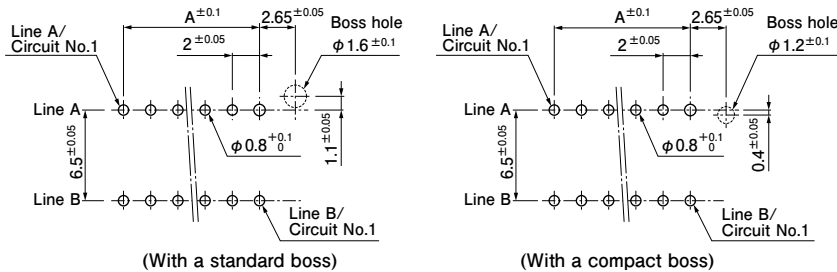
PC board layout and Assembly layout

Header (Dual-row) (viewed from component side)

Top entry type

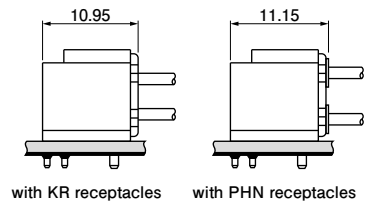
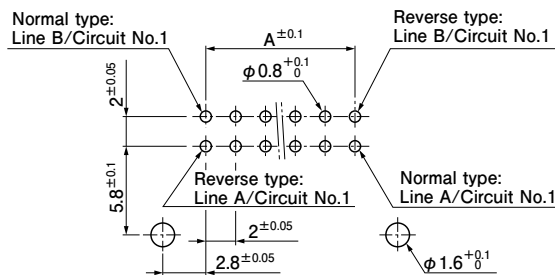


With lock



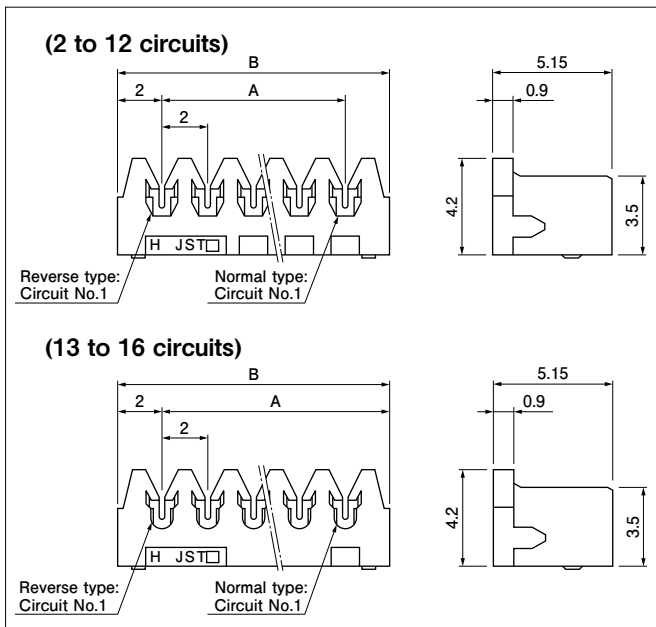
(With a standard boss) (With a compact boss) (With a standard boss) (With a standard boss)

Side entry type



Note: 1. Tolerances are non-cumulative: ± 0.05 mm for all centers.
2. Hole dimensions differ according to the type of PC board and piercing method.
Please contact JST for details as the dimensions shown in the above figure are reference values.

IDC style connector (Receptacle)



| No. of circuits | Model No. | | Dimensions (mm) | | Q'ty/box |
|-----------------|-------------|--------------|-----------------|------|----------|
| | Normal type | Reverse type | A | B | |
| 2 | 02KR-6H-P | 02KR-6H-PC | 2.0 | 6.0 | 2,000 |
| 3 | 03KR-6H-P | 03KR-6H-PC | 4.0 | 8.0 | 2,000 |
| 4 | 04KR-6H-P | 04KR-6H-PC | 6.0 | 10.0 | 2,000 |
| 5 | 05KR-6H-P | 05KR-6H-PC | 8.0 | 12.0 | 2,000 |
| 6 | 06KR-6H-P | 06KR-6H-PC | 10.0 | 14.0 | 2,000 |
| 7 | 07KR-6H-P | 07KR-6H-PC | 12.0 | 16.0 | 1,000 |
| 8 | 08KR-6H-P | 08KR-6H-PC | 14.0 | 18.0 | 1,000 |
| 9 | 09KR-6H-P | 09KR-6H-PC | 16.0 | 20.0 | 1,000 |
| 10 | 10KR-6H-P | 10KR-6H-PC | 18.0 | 22.0 | 1,000 |
| 11 | 11KR-6H-P | 11KR-6H-PC | 20.0 | 24.0 | 1,000 |
| 12 | 12KR-6H-P | 12KR-6H-PC | 22.0 | 26.0 | 1,000 |
| 13 | 13KR-6H-P | 13KR-6H-PC | 24.0 | 28.0 | 500 |
| 14 | 14KR-6H-P | 14KR-6H-PC | 26.0 | 30.0 | 500 |
| 15 | 15KR-6H-P | 15KR-6H-PC | 28.0 | 32.0 | 500 |
| 16 | 16KR-6H-P | 16KR-6H-PC | 30.0 | 34.0 | 500 |

Material and Finish

Contact: Phosphor bronze, tin-plated (reflow treatment)
Housing: 2 to 12 circuits...PA 66, UL94V-0, gray
13 to 16 circuits...Glass-filled PA 66, UL94V-0, gray

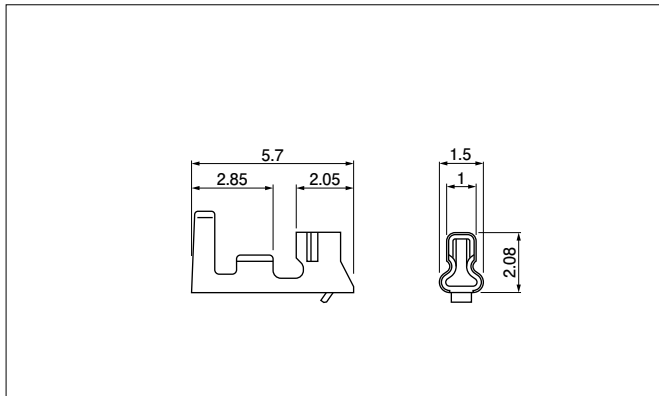
Applicable wire

UL1571, 1061(Contact JST for other UL styles.)
AWG#28, #26
Conductor / 7 strands, tin-plated annealed copper
Insulation O.D. / 0.9 to 1.0 mm

RoHS2 compliance

KR FAMILY/KR·PHN·KRW·TR·TRW CONNECTORS

Crimp style connector (Contact)



| Model No. | Applicable wire | | Insulation O.D. (mm) | Q'ty/reel |
|----------------|-----------------|----------|----------------------|-----------|
| | mm ² | AWG # | | |
| SPH-002T-P0.5L | 0.08 to 0.22 | 28 to 24 | 0.8 to 1.5 | 8,000 |

Material and Finish

Phosphor bronze, tin-plated (reflow treatment)

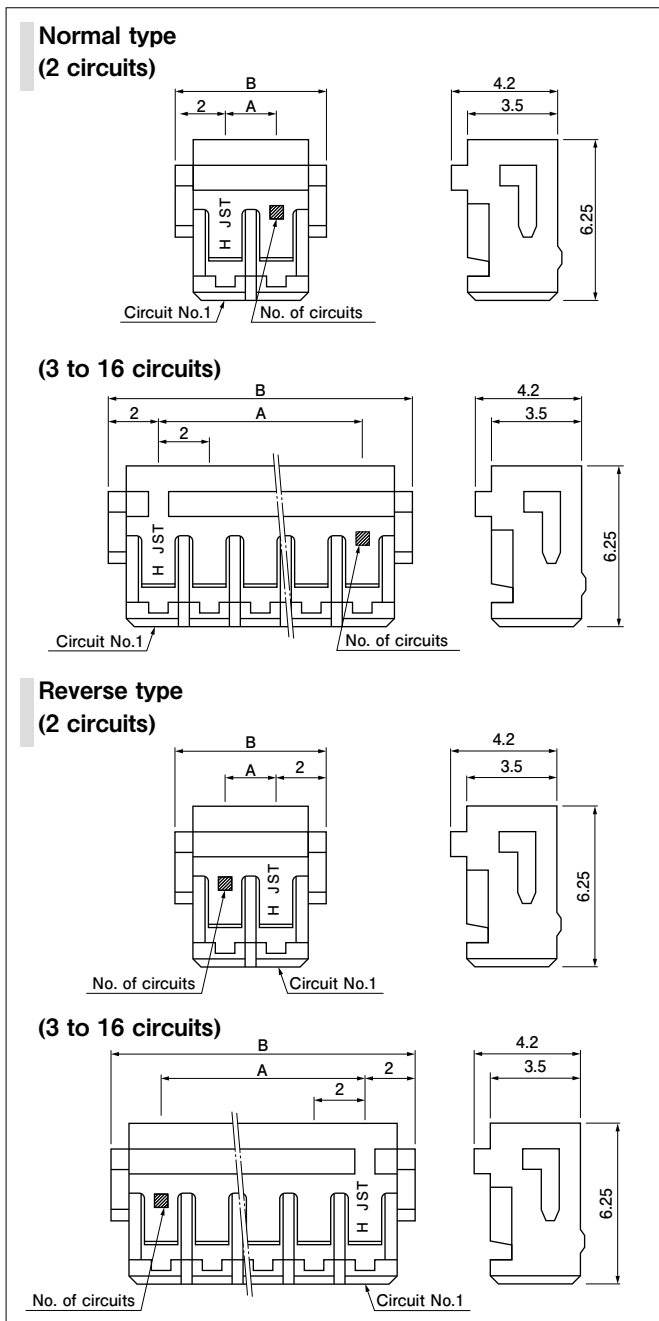
RoHS2 compliance

Note: SPH-002T-P0.5S is also available.

| Contact | Crimping machine | Applicator | | |
|----------------|------------------|------------------|----------------|----------------------------|
| | | Crimp applicator | Dies | Crimp applicator with dies |
| SPH-002T-P0.5L | AP-K2N | MKS-L | MK/SPH-002-05L | APLMK SPH002-05L |

Note: Contact JST for fully automatic crimping applicator.

Crimp style connector (Housing)



| No. of circuits | Model No. | | Dimensions (mm) | | Q'ty/bag |
|-----------------|-------------|--------------|-----------------|------|----------|
| | Normal type | Reverse type | A | B | |
| 2 | PHNR-02-H | PHNR-02C-H | 2.0 | 6.0 | 1,000 |
| 3 | PHNR-03-H | PHNR-03C-H | 4.0 | 8.0 | 1,000 |
| 4 | PHNR-04-H | PHNR-04C-H | 6.0 | 10.0 | 1,000 |
| 5 | PHNR-05-H | PHNR-05C-H | 8.0 | 12.0 | 1,000 |
| 6 | PHNR-06-H | PHNR-06C-H | 10.0 | 14.0 | 1,000 |
| 7 | PHNR-07-H | PHNR-07C-H | 12.0 | 16.0 | 1,000 |
| 8 | PHNR-08-H | PHNR-08C-H | 14.0 | 18.0 | 1,000 |
| 9 | PHNR-09-H | PHNR-09C-H | 16.0 | 20.0 | 1,000 |
| 10 | PHNR-10-H | PHNR-10C-H | 18.0 | 22.0 | 1,000 |
| 11 | PHNR-11-H | PHNR-11C-H | 20.0 | 24.0 | 1,000 |
| 12 | PHNR-12-H | PHNR-12C-H | 22.0 | 26.0 | 1,000 |
| 13 | PHNR-13-H | PHNR-13C-H | 24.0 | 28.0 | 1,000 |
| 14 | PHNR-14-H | PHNR-14C-H | 26.0 | 30.0 | 1,000 |
| 15 | PHNR-15-H | PHNR-15C-H | 28.0 | 32.0 | 1,000 |
| 16 | PHNR-16-H | PHNR-16C-H | 30.0 | 34.0 | 1,000 |

Material and Finish

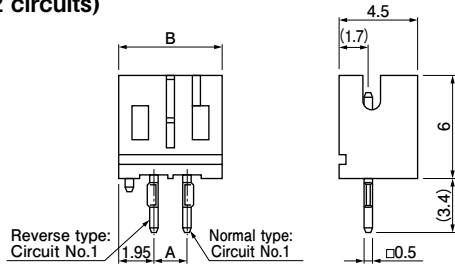
PA 66, UL94V-0, gray

RoHS2 compliance

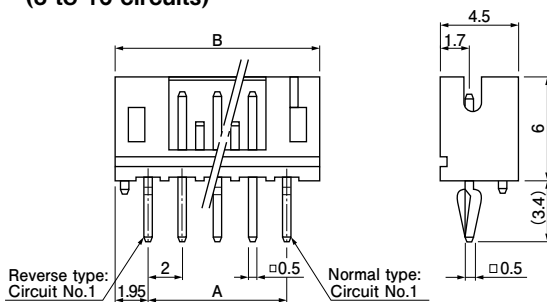
KR FAMILY/KR·PHN·KRW·TR·TRW CONNECTORS

Header (Single-row / Through-hole type)

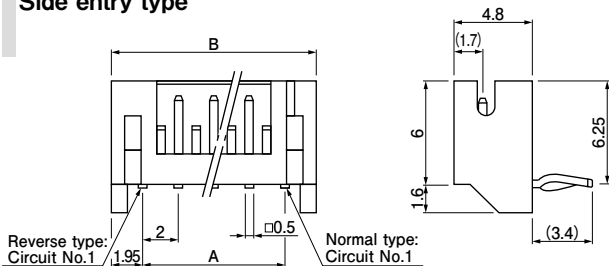
Top entry type (2 circuits)



(3 to 16 circuits)



Side entry type



| No. of circuits | Normal type Model No. | | Dimensions(mm) | | Q'ty/box | |
|-----------------|----------------------------|-----------------|-----------------|------|------------------------------|-----------------|
| | Top entry type (with boss) | Side entry type | A | B | Top entry type (with a boss) | Side entry type |
| 2 | B2B-PH-KBL-H | S2B-PH-KL | 2.0 | 5.9 | 1,000 | 1,000 |
| 3 | B3B-PH-KBL-H | S3B-PH-KL | 4.0 | 7.9 | 1,000 | 1,000 |
| 4 | B4B-PH-KBL-H | S4B-PH-KL | 6.0 | 9.9 | 1,000 | 500 |
| 5 | B5B-PH-KBL-H | S5B-PH-KL | 8.0 | 11.9 | 1,000 | 500 |
| 6 | B6B-PH-KBL-H | S6B-PH-KL | 10.0 | 13.9 | 1,000 | 500 |
| 7 | B7B-PH-KBL-H | S7B-PH-KL | 12.0 | 15.9 | 500 | 500 |
| 8 | B8B-PH-KBL-H | S8B-PH-KL | 14.0 | 17.9 | 500 | 250 |
| 9 | B9B-PH-KBL-H | S9B-PH-KL | 16.0 | 19.9 | 500 | 250 |
| 10 | B10B-PH-KBL-H | S10B-PH-KL | 18.0 | 21.9 | 500 | 250 |
| 11 | B11B-PH-KBL-H | S11B-PH-KL | 20.0 | 23.9 | 500 | 250 |
| 12 | B12B-PH-KBL-H | S12B-PH-KL | 22.0 | 25.9 | 500 | 250 |
| 13 | B13B-PH-KBL-H | S13B-PH-KL | 24.0 | 27.9 | 250 | 250 |
| 14 | B14B-PH-KBL-H | S14B-PH-KL | 26.0 | 29.9 | 250 | 200 |
| 15 | B15B-PH-KBL-H | S15B-PH-KL | 28.0 | 31.9 | 250 | 200 |
| 16 | B16B-PH-KBL-H | S16B-PH-KL | 30.0 | 33.9 | 250 | 200 |

| No. of circuits | Reverse type Model No. | | Dimensions(mm) | | Q'ty/box | |
|-----------------|----------------------------|-----------------|-----------------|------|------------------------------|-----------------|
| | Top entry type (with boss) | Side entry type | A | B | Top entry type (with a boss) | Side entry type |
| 2 | B2B-PH-KBLC-H | S2B-PH-KLC-H | 2.0 | 5.9 | 1,000 | 1,000 |
| 3 | B3B-PH-KBLC-H | S3B-PH-KLC-H | 4.0 | 7.9 | 1,000 | 1,000 |
| 4 | B4B-PH-KBLC-H | S4B-PH-KLC-H | 6.0 | 9.9 | 1,000 | 500 |
| 5 | B5B-PH-KBLC-H | S5B-PH-KLC-H | 8.0 | 11.9 | 1,000 | 500 |
| 6 | B6B-PH-KBLC-H | S6B-PH-KLC-H | 10.0 | 13.9 | 1,000 | 500 |
| 7 | B7B-PH-KBLC-H | S7B-PH-KLC-H | 12.0 | 15.9 | 500 | 500 |
| 8 | B8B-PH-KBLC-H | S8B-PH-KLC-H | 14.0 | 17.9 | 500 | 250 |
| 9 | B9B-PH-KBLC-H | S9B-PH-KLC-H | 16.0 | 19.9 | 500 | 250 |
| 10 | B10B-PH-KBLC-H | S10B-PH-KLC-H | 18.0 | 21.9 | 500 | 250 |
| 11 | B11B-PH-KBLC-H | S11B-PH-KLC-H | 20.0 | 23.9 | 500 | 250 |
| 12 | B12B-PH-KBLC-H | S12B-PH-KLC-H | 22.0 | 25.9 | 500 | 250 |
| 13 | B13B-PH-KBLC-H | S13B-PH-KLC-H | 24.0 | 27.9 | 250 | 250 |
| 14 | B14B-PH-KBLC-H | S14B-PH-KLC-H | 26.0 | 29.9 | 250 | 200 |
| 15 | B15B-PH-KBLC-H | S15B-PH-KLC-H | 28.0 | 31.9 | 250 | 200 |
| 16 | B16B-PH-KBLC-H | S16B-PH-KLC-H | 30.0 | 33.9 | 250 | 200 |

Material and Finish

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

RoHS2 compliance This product displays (LF)(SN) on a label.

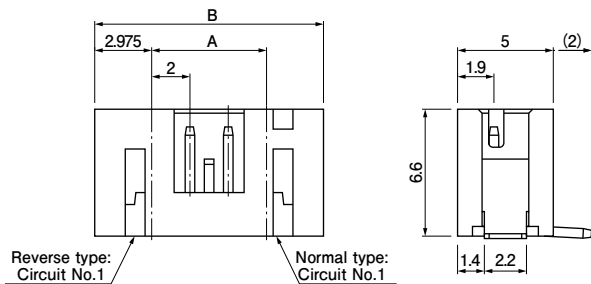
Note: 1. Top entry type headers without a bosses are also available.

2. PH connector header [B()B-PH-K-S, S()B-PH-K-S] can be also used.
() stands for circuits No.

KR FAMILY/KR·PHN·KRW·TR·TRW CONNECTORS

Header (Single-row / SMT type)

Top entry type



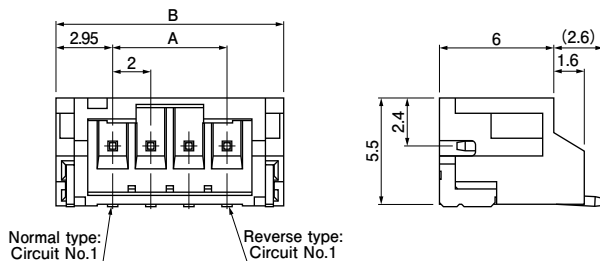
| No. of circuits | Normal type Model No. | | Dimensions (mm) | | | Q'ty/reel |
|-----------------|-----------------------|-----------------|-----------------|----------------|-----------------|-----------|
| | Top entry type | Side entry type | A | B | | |
| | | | | Top entry type | Side entry type | |
| 2 | B2B-PH-SM4-TB | S2B-PH-SM4-TB | 2.0 | 7.95 | 7.9 | 1,000 |
| 3 | B3B-PH-SM4-TB | S3B-PH-SM4-TB | 4.0 | 9.95 | 9.9 | 1,000 |
| 4 | B4B-PH-SM4-TB | S4B-PH-SM4-TB | 6.0 | 11.95 | 11.9 | 1,000 |
| 5 | B5B-PH-SM4-TB | S5B-PH-SM4-TB | 8.0 | 13.95 | 13.9 | 1,000 |
| 6 | B6B-PH-SM4-TB | S6B-PH-SM4-TB | 10.0 | 15.95 | 15.9 | 1,000 |
| 7 | B7B-PH-SM4-TB | S7B-PH-SM4-TB | 12.0 | 17.95 | 17.9 | 1,000 |
| 8 | B8B-PH-SM4-TB | S8B-PH-SM4-TB | 14.0 | 19.95 | 19.9 | 1,000 |
| 9 | B9B-PH-SM4-TB | S9B-PH-SM4-TB | 16.0 | 21.95 | 21.9 | 1,000 |
| 10 | B10B-PH-SM4-TB | S10B-PH-SM4-TB | 18.0 | 23.95 | 23.9 | 1,000 |
| 11 | B11B-PH-SM4-TB | S11B-PH-SM4-TB | 20.0 | 25.95 | 25.9 | 1,000 |
| 12 | B12B-PH-SM4-TB | S12B-PH-SM4-TB | 22.0 | 27.95 | 27.9 | 1,000 |
| 13 | B13B-PH-SM4-TB | S13B-PH-SM4-TB | 24.0 | 29.95 | 29.9 | 1,000 |
| 14 | B14B-PH-SM4-TB | S14B-PH-SM4-TB | 26.0 | 31.95 | 31.9 | 1,000 |
| 15 | B15B-PH-SM4-TB | S15B-PH-SM4-TB | 28.0 | 33.95 | 33.9 | 1,000 |
| 16 | B16B-PH-SM4-TB | — | 30.0 | 35.95 | — | 1,000 |

Material and Finish

Post: Copper alloy, copper-undercoated, tin-plated (reflow treatment)
 Wafer: PA 6T, UL94V-0, natural (ivory)
 Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

RoHS2 compliance This product displays (LF)(SN) on a label.
 Note: Top entry type headers with suction tape are also available.

Side entry type



| No. of circuits | Reverse type Model No. | | Dimensions (mm) | | Q'ty/reel |
|-----------------|------------------------|-----------------|-----------------|------|-----------|
| | Top entry type | Side entry type | A | B | |
| 2 | B2B-PH-SM4C-TB | S2B-PH-SM4C-TB | 2.0 | 7.9 | 1,000 |
| 3 | B3B-PH-SM4C-TB | S3B-PH-SM4C-TB | 4.0 | 9.9 | 1,000 |
| 4 | B4B-PH-SM4C-TB | S4B-PH-SM4C-TB | 6.0 | 11.9 | 1,000 |
| 5 | B5B-PH-SM4C-TB | S5B-PH-SM4C-TB | 8.0 | 13.9 | 1,000 |
| 6 | B6B-PH-SM4C-TB | S6B-PH-SM4C-TB | 10.0 | 15.9 | 1,000 |
| 7 | B7B-PH-SM4C-TB | S7B-PH-SM4C-TB | 12.0 | 17.9 | 1,000 |
| 8 | B8B-PH-SM4C-TB | S8B-PH-SM4C-TB | 14.0 | 19.9 | 1,000 |
| 9 | B9B-PH-SM4C-TB | S9B-PH-SM4C-TB | 16.0 | 21.9 | 1,000 |
| 10 | B10B-PH-SM4C-TB | S10B-PH-SM4C-TB | 18.0 | 23.9 | 1,000 |
| 11 | B11B-PH-SM4C-TB | S11B-PH-SM4C-TB | 20.0 | 25.9 | 1,000 |
| 12 | B12B-PH-SM4C-TB | S12B-PH-SM4C-TB | 22.0 | 27.9 | 1,000 |
| 13 | B13B-PH-SM4C-TB | S13B-PH-SM4C-TB | 24.0 | 29.9 | 1,000 |
| 14 | B14B-PH-SM4C-TB | S14B-PH-SM4C-TB | 26.0 | 31.9 | 1,000 |
| 15 | B15B-PH-SM4C-TB | S15B-PH-SM4C-TB | 28.0 | 33.9 | 1,000 |
| 16 | B16B-PH-SM4C-TB | — | 30.0 | 35.9 | 1,000 |

Material and Finish

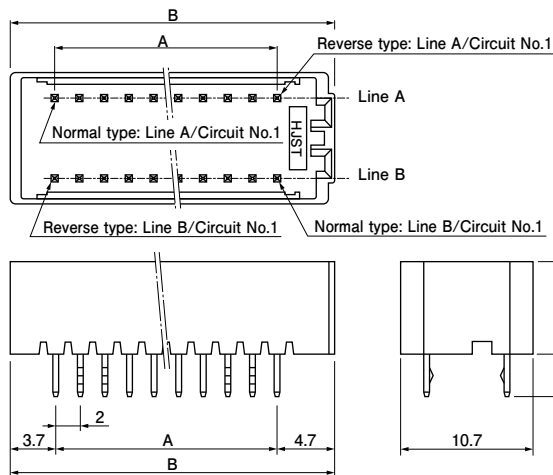
Post: Copper alloy, copper-undercoated, tin-plated (reflow treatment)
 Wafer: PA 6T, UL94V-0, natural (ivory)
 Solder tab: Brass, copper-undercoated, tin-plated (reflow treatment)

RoHS2 compliance This product displays (LF)(SN) on a label.

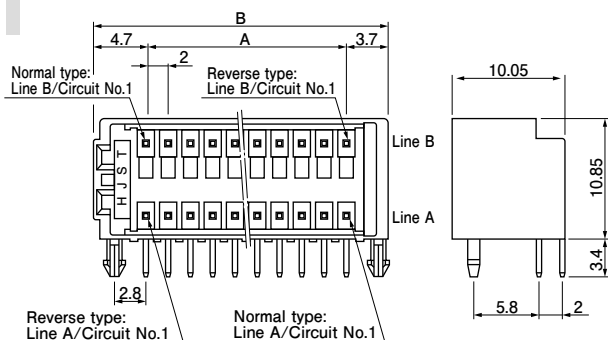
KR FAMILY/KR·PHN·KRW·TR·TRW CONNECTORS

Header (Dual-row)

Top entry type



Side entry type



| No. of circuits | Model No. | | | | Dimensions (mm) | | Q'ty/box | |
|-----------------|----------------|-----------------|----------------|-----------------|-----------------|------|----------------|-----------------|
| | Normal type | | Reverse type | | A | B | Top entry type | Side entry type |
| | Top entry type | Side entry type | Top entry type | Side entry type | | | | |
| 16 | B16B-KRWHK | S16B-KRWHS | B16B-KRWHK-C | S16B-KRWHS-C | 14.0 | 22.4 | 320 | 280 |
| 18 | B18B-KRWHK | S18B-KRWHS | B18B-KRWHK-C | S18B-KRWHS-C | 16.0 | 24.4 | 288 | 252 |
| 20 | B20B-KRWHK | S20B-KRWHS | B20B-KRWHK-C | S20B-KRWHS-C | 18.0 | 26.4 | 256 | 224 |
| 22 | B22B-KRWHK | S22B-KRWHS | B22B-KRWHK-C | S22B-KRWHS-C | 20.0 | 28.4 | 224 | 196 |
| 24 | B24B-KRWHK | — | B24B-KRWHK-C | — | 22.0 | 30.4 | 224 | 196 |
| 26 | B26B-KRWHK | S26B-KRWHS | B26B-KRWHK-C | S26B-KRWHS-C | 24.0 | 32.4 | 192 | 168 |
| 28 | B28B-KRWHK | S28B-KRWHS | B28B-KRWHK-C | S28B-KRWHS-C | 26.0 | 34.4 | 192 | 168 |
| 30 | B30B-KRWHK | S30B-KRWHS | B30B-KRWHK-C | S30B-KRWHS-C | 28.0 | 36.4 | 192 | 168 |
| 32 | B32B-KRWHK | S32B-KRWHS | B32B-KRWHK-C | S32B-KRWHS-C | 30.0 | 38.4 | 160 | 140 |

Material and Finish

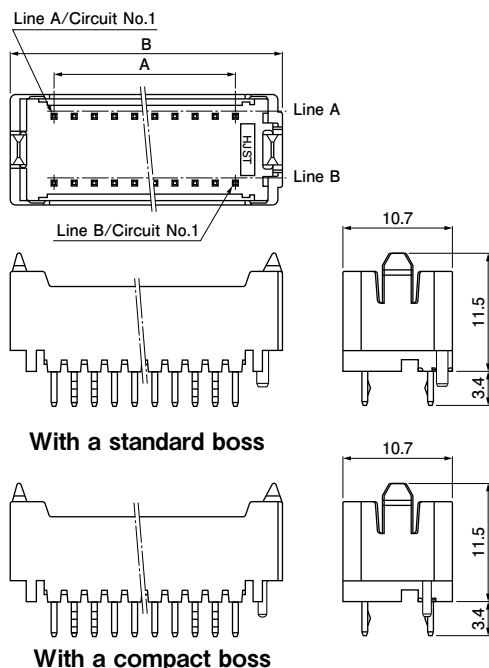
Post: Copper alloy, copper-undercoated, tin-plated (reflow treatment)
Wafer: PA 66, UL94V-0, gray

RoHS2 compliance This product displays (LF)(SN) on a label.
Note: 1. Top entry type headers with bosses or without clinched tails are also available.
2. The products listed above are supplied packed in tray.

Header (Dual-row)

<With lock>

Top entry type



| No. of circuits | Model No. | | | Dimensions (mm) | | Q'ty/box |
|-----------------|----------------|----------------------|---------------------|-----------------|------|----------|
| | Top entry type | | | A | B | |
| | Without bosses | With a standard boss | With a compact boss | | | |
| 10 | B10B-KRWHK-F1 | B10B-KRWHK-F1-1 | B10B-KRWHK-F1-1D | 8.0 | 17.0 | 364 |
| 12 | B12B-KRWHK-F1 | B12B-KRWHK-F1-1 | B12B-KRWHK-F1-1D | 10.0 | 19.0 | 308 |
| 14 | B14B-KRWHK-F1 | B14B-KRWHK-F1-1 | B14B-KRWHK-F1-1D | 12.0 | 21.0 | 280 |
| 16 | B16B-KRWHK-F1 | B16B-KRWHK-F1-1 | B16B-KRWHK-F1-1D | 14.0 | 23.0 | 252 |
| 18 | B18B-KRWHK-F1 | B18B-KRWHK-F1-1 | B18B-KRWHK-F1-1D | 16.0 | 25.0 | 252 |
| 20 | B20B-KRWHK-F1 | B20B-KRWHK-F1-1 | B20B-KRWHK-F1-1D | 18.0 | 27.0 | 224 |
| 22 | B22B-KRWHK-F1 | B22B-KRWHK-F1-1 | B22B-KRWHK-F1-1D | 20.0 | 29.0 | 196 |
| 24 | B24B-KRWHK-F1 | B24B-KRWHK-F1-1 | B24B-KRWHK-F1-1D | 22.0 | 31.0 | 196 |
| 26 | B26B-KRWHK-F1 | B26B-KRWHK-F1-1 | B26B-KRWHK-F1-1D | 24.0 | 33.0 | 168 |
| 28 | B28B-KRWHK-F1 | B28B-KRWHK-F1-1 | B28B-KRWHK-F1-1D | 26.0 | 35.0 | 168 |
| 30 | B30B-KRWHK-F1 | B30B-KRWHK-F1-1 | B30B-KRWHK-F1-1D | 28.0 | 37.0 | 168 |
| 32 | B32B-KRWHK-F1 | B32B-KRWHK-F1-1 | B32B-KRWHK-F1-1D | 30.0 | 39.0 | 140 |

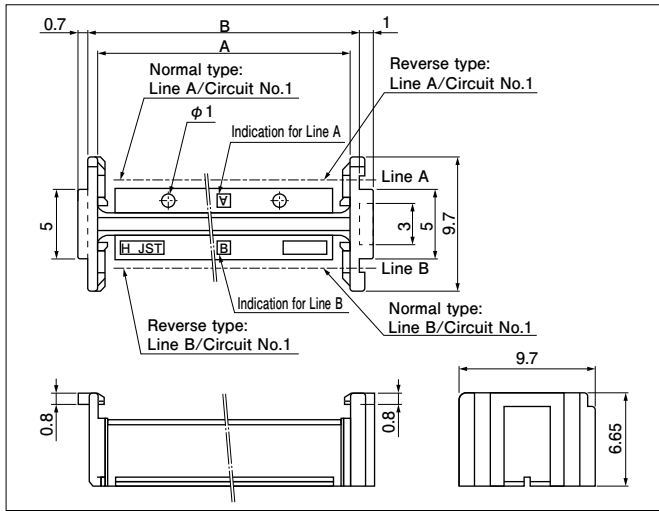
Material and Finish

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

RoHS2 compliance This product displays (LF)(SN) on a label.
Note: 1. The applicable holder is "KRWH-() ()-1" only.
2. The products listed above are supplied packed in tray.
3. Unlisted in UL/CSA/TÜV.

KR FAMILY/KR·PHN·KRW·TR·TRW CONNECTORS

KRW connector holder



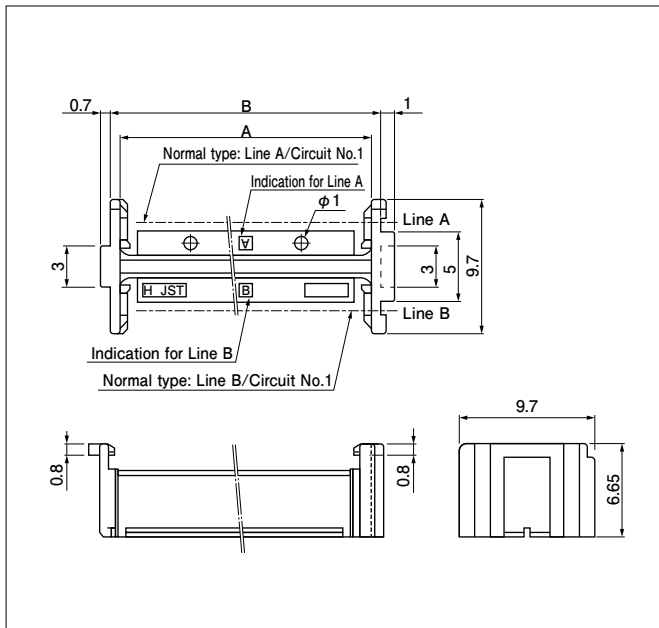
| No. of circuits | Model No. | | Dimensions (imm) | |
|-----------------|-------------|--------------|------------------|------|
| | Normal type | Reverse type | A | B |
| 10 | KRWH-10-H | KRWH-10C-H | 12.0 | 13.4 |
| 12 | KRWH-12-H | KRWH-12C-H | 14.0 | 15.4 |
| 14 | KRWH-14-H | KRWH-14C-H | 16.0 | 17.4 |
| 16 | KRWH-16-H | KRWH-16C-H | 18.0 | 19.4 |
| 18 | KRWH-18-H | KRWH-18C-H | 20.0 | 21.4 |
| 20 | KRWH-20-H | KRWH-20C-H | 22.0 | 23.4 |
| 22 | KRWH-22-H | KRWH-22C-H | 24.0 | 25.4 |
| 24 | KRWH-24-H | KRWH-24C-H | 26.0 | 27.4 |
| 26 | KRWH-26-H | KRWH-26C-H | 28.0 | 29.4 |
| 28 | KRWH-28-H | KRWH-28C-H | 30.0 | 31.4 |
| 30 | KRWH-30-H | KRWH-30C-H | 32.0 | 33.4 |
| 32 | KRWH-32-H | KRWH-32C-H | 34.0 | 35.4 |

Material and Finish

PA 66, UL94V-0, gray

RoHS2 compliance

KRW connector holder (for header with lock)



| No. of circuits | Model No. | Dimensions (mm) | | Q'ty/box |
|-----------------|-------------|-----------------|------|----------|
| | | A | B | |
| 10 | KRWH-10-H-1 | 12.0 | 13.4 | 1,000 |
| 12 | KRWH-12-H-1 | 14.0 | 15.4 | 1,000 |
| 14 | KRWH-14-H-1 | 16.0 | 17.4 | 1,000 |
| 16 | KRWH-16-H-1 | 18.0 | 19.4 | 1,000 |
| 18 | KRWH-18-H-1 | 20.0 | 21.4 | 1,000 |
| 20 | KRWH-20-H-1 | 22.0 | 23.4 | 1,000 |
| 22 | KRWH-22-H-1 | 24.0 | 25.4 | 1,000 |
| 24 | KRWH-24-H-1 | 26.0 | 27.4 | 1,000 |
| 26 | KRWH-26-H-1 | 28.0 | 29.4 | 1,000 |
| 28 | KRWH-28-H-1 | 30.0 | 31.4 | 1,000 |
| 30 | KRWH-30-H-1 | 32.0 | 33.4 | 1,000 |
| 32 | KRWH-32-H-1 | 34.0 | 35.4 | 1,000 |

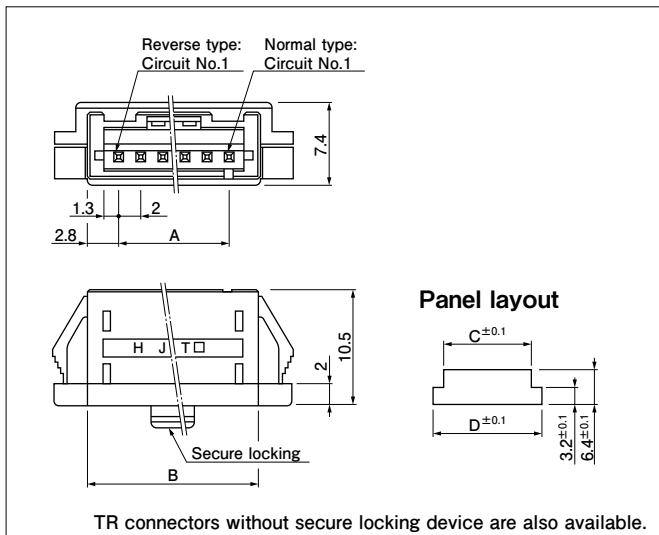
Material and Finish

PA 66, UL94V-0, gray

RoHS2 compliance

Note: 1. The applicable header is "B()B-KRW()K-F1-()" only.
2. Unlisted in UL/CSA/TÜV.

TR connector (Unit for wire-to-wire connection)



TR connectors without secure locking device are also available.

| No. of circuits | Model No. | | Dimensions (mm) | | | | Q'ty/box |
|-----------------|--------------|---------------|-----------------|------|------|------|----------|
| | Normal type | Reverse type | A | B | C | D | |
| 2 | BU02P-TR-P-H | BU02P-TR-PC-H | 2.0 | 7.6 | 7.9 | 11.6 | 500 |
| 3 | BU03P-TR-P-H | BU03P-TR-PC-H | 4.0 | 9.6 | 9.9 | 13.6 | 500 |
| 4 | BU04P-TR-P-H | BU04P-TR-PC-H | 6.0 | 11.6 | 11.9 | 15.6 | 500 |
| 5 | BU05P-TR-P-H | BU05P-TR-PC-H | 8.0 | 13.6 | 13.9 | 17.6 | 250 |
| 6 | BU06P-TR-P-H | BU06P-TR-PC-H | 10.0 | 15.6 | 15.9 | 19.6 | 250 |
| 7 | BU07P-TR-P-H | BU07P-TR-PC-H | 12.0 | 17.6 | 18.0 | 21.6 | 200 |
| 8 | BU08P-TR-P-H | BU08P-TR-PC-H | 14.0 | 19.6 | 20.0 | 23.6 | 250 |
| 9 | BU09P-TR-P-H | BU09P-TR-PC-H | 16.0 | 21.6 | 22.0 | 25.6 | 250 |
| 10 | BU10P-TR-P-H | BU10P-TR-PC-H | 18.0 | 23.6 | 24.0 | 27.6 | 200 |
| 11 | BU11P-TR-P-H | BU11P-TR-PC-H | 20.0 | 25.6 | 26.0 | 29.6 | 200 |
| 12 | BU12P-TR-P-H | BU12P-TR-PC-H | 22.0 | 27.6 | 28.0 | 31.6 | 200 |
| 13 | BU13P-TR-P-H | BU13P-TR-PC-H | 24.0 | 29.6 | 30.0 | 33.6 | 150 |
| 14 | BU14P-TR-P-H | BU14P-TR-PC-H | 26.0 | 31.6 | 32.0 | 35.6 | 150 |
| 15 | BU15P-TR-P-H | BU15P-TR-PC-H | 28.0 | 33.6 | 34.0 | 37.6 | 150 |
| 16 | BU16P-TR-P-H | BU16P-TR-PC-H | 30.0 | 35.6 | 36.0 | 39.6 | 150 |

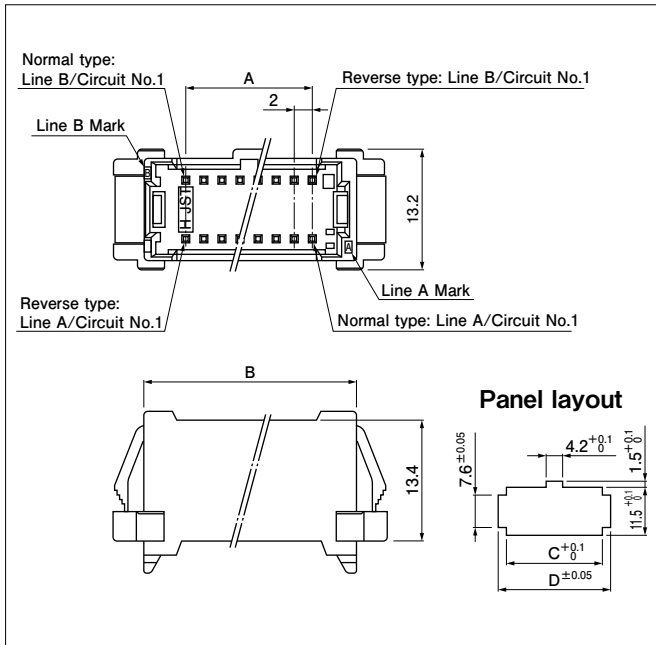
Material and Finish

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

RoHS2 compliance This product displays (LF)(SN) on a label.

KR FAMILY/KR·PHN·KRW·TR·TRW CONNECTORS

TRW connector (Unit for wire-to-wire connection)



| No. of circuits | Model No. | | Dimensions (mm) | | | | Q'ty/box |
|-----------------|---------------|----------------|-----------------|------|------|------|----------|
| | Normal type | Reverse type | A | B | C | D | |
| 16 | BU16P-TRW-P-H | BU16P-TRW-PC-H | 14.0 | 23.5 | 23.9 | 27.5 | 100 |
| 18 | BU18P-TRW-P-H | BU18P-TRW-PC-H | 16.0 | 25.5 | 25.9 | 29.5 | 100 |
| 20 | BU20P-TRW-P-H | BU20P-TRW-PC-H | 18.0 | 27.5 | 27.9 | 31.5 | 50 |
| 22 | BU22P-TRW-P-H | BU22P-TRW-PC-H | 20.0 | 29.5 | 29.9 | 33.5 | 50 |
| 24 | BU24P-TRW-P-H | BU24P-TRW-PC-H | 22.0 | 31.5 | 31.9 | 35.5 | 50 |
| 26 | BU26P-TRW-P-H | BU26P-TRW-PC-H | 24.0 | 33.5 | 33.9 | 37.5 | 50 |
| 28 | BU28P-TRW-P-H | BU28P-TRW-PC-H | 26.0 | 35.5 | 35.9 | 39.5 | 50 |
| 30 | BU30P-TRW-P-H | BU30P-TRW-PC-H | 28.0 | 37.5 | 37.9 | 41.5 | 50 |
| 32 | BU32P-TRW-P-H | BU32P-TRW-PC-H | 30.0 | 39.5 | 39.9 | 43.5 | 50 |

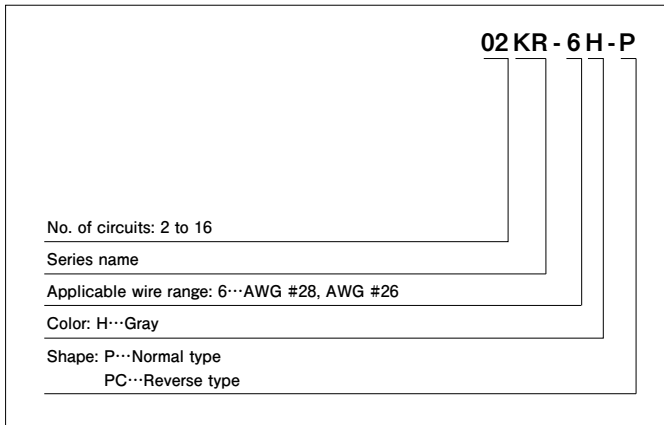
Material and Finish

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

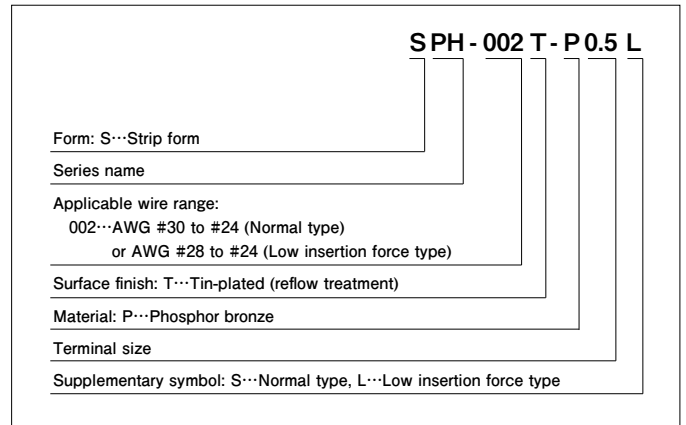
RoHS2 compliance This product displays (LF)(SN) on a label.

Model number allocation

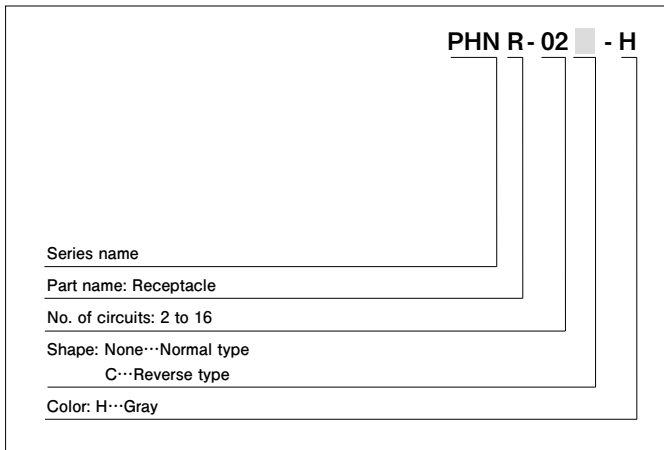
Socket (Insulation displacement type)



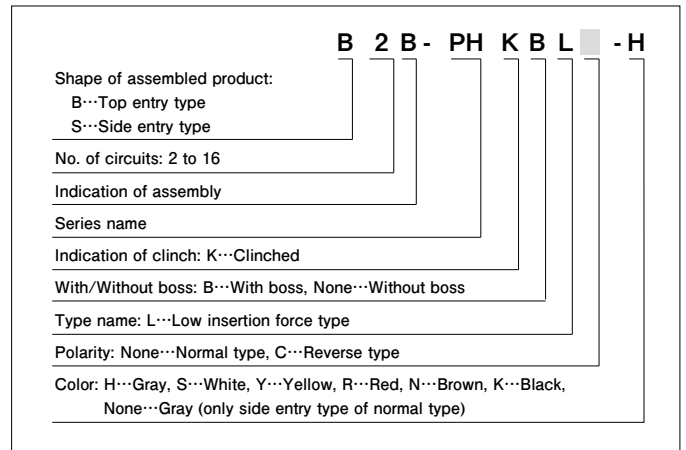
Contact (Crimp type)



Housing (Crimp type)



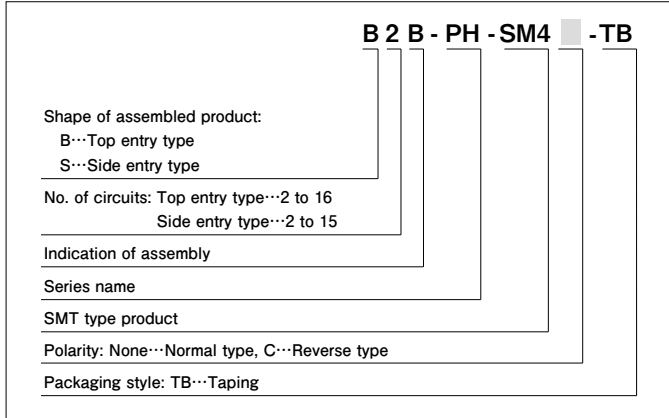
Header (Single-row / Through-hole type)



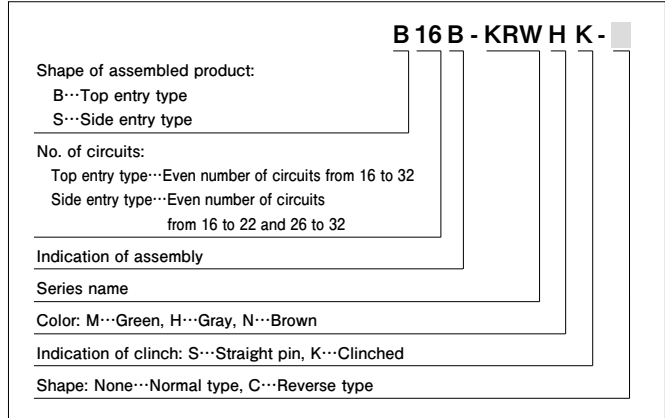
KR FAMILY/KR·PHN·KRW·TR·TRW CONNECTORS

Model number allocation

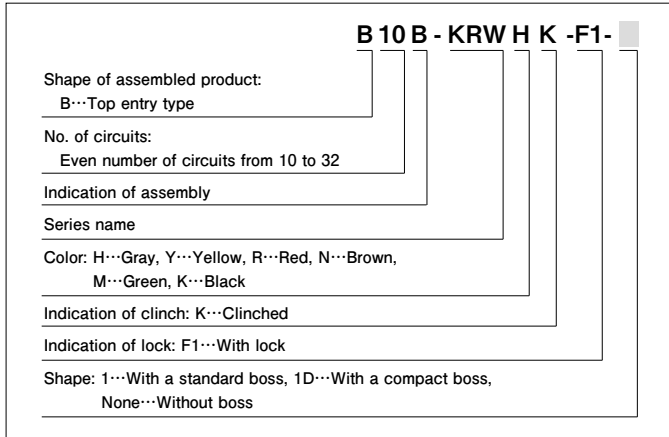
Header (Single-row / SMT type)



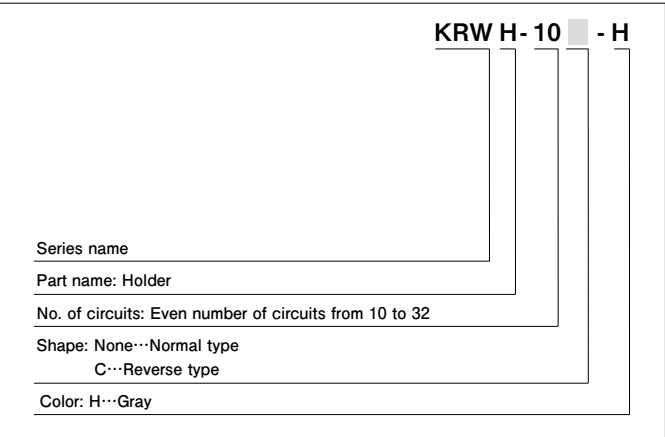
Header (Dual-row)



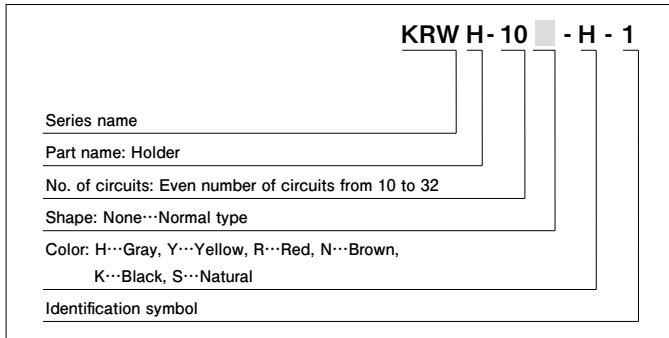
Header (Dual-row / with lock)



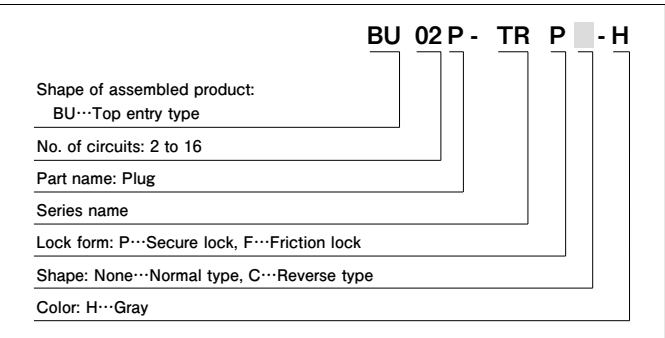
Holder



Holder (for header with lock)



TR connector (Unit for wire-to-wire connection)



TRW connector (Unit for wire-to-wire connection)

