KR FAMILY SERIES/KRW·KR·PHN·TR CONNECTOR
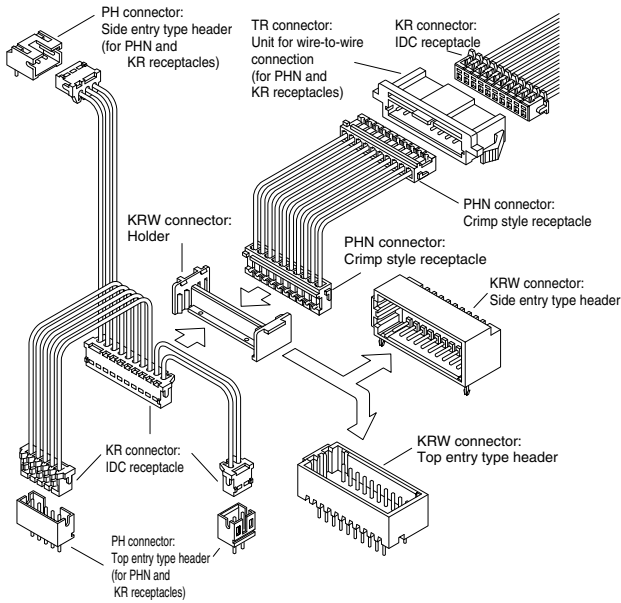
2.0mm pitch/Disconnectable Insulation displacement and Crimp style connectors

PH connector:
Side entry type header
(for PHN and KR receptacles)

TR connector:
Unit for wire-to-wire connection (for PHN and KR receptacles)

KR connector:
IDC receptacle

KRW connector:
Holder

PHN connector:
Crimp style receptacle

PHN connector:
Crimp style receptacle

KRW connector:
Side entry type header

KR connector:
IDC receptacle

KRW connector:
Top entry type header

PH connector:
Top entry type header
(for PHN and KR receptacles)

Based upon JST's field proven KR series connectors, the KR series family of connectors have been expanded to meet the requirements of high density packaging. The KRW connector allows double-row wire-to-board connection using either the KR or PHN connectors. Whilst the TR connector allows wire-to-wire connection, also using either the KR or PHN connectors.

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

Specifications

Item / Series	KRW connector	TR · TRW connector
Curren rating	1.0 A AC,DC (AWG #26)	
Voltage rating	100 V AC,DC	
Temperaure rise	-25℃ to +85℃ (including temperature rise)	
Contact rasistance	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

* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
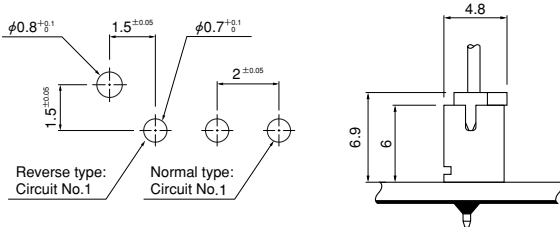
* Contact JST for details.

* Compliant with RoHS.

Standards

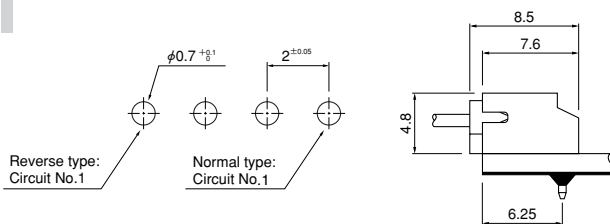- Recognized E60389
- Certified LR20812
- R75087: PH, PHN connectors

Single-row shrouded header

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

Top entry type

$\phi 0.8^{+0.1}_{0}$ $1.5^{\pm 0.05}$ $\phi 0.7^{+0.1}_{0}$

$1.5^{\pm 0.05}$ $2^{\pm 0.05}$

4.8   6.9   6

Reverse type: Circuit No.1   Normal type: Circuit No.1

Side entry type

$\phi 0.7^{+0.1}_{0}$ $2^{\pm 0.05}$

8.5   7.6   4.8   6.25

Reverse type: Circuit No.1   Normal type: Circuit No.1

<SMTtype(viewed from soldering side)>

Top entry type

Reverse type: Circuit No.1   Normal type: Circuit No.1

7.5min.   2 max. $3^{\pm 0.1}$ 1

1min. $2^{\pm 0.05}$ $1.6^{\pm 0.1}$ 1.6

Edge of the shrouded header (mating side)

5   (2)   7.5   6.6

Side entry type

Normal type: Circuit No.1   Reverse type: Circuit No.1

9min.   5.5max.   1min. $2^{\pm 0.05}$ 0.2 $3.4^{\pm 0.1}$ $1.6^{\pm 0.1}$ $1.5^{\pm 0.1}$

Edge of the shrouded header (mating side)

8.5   7.6   (1)   5.5
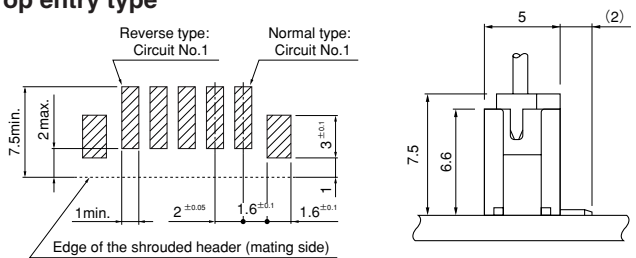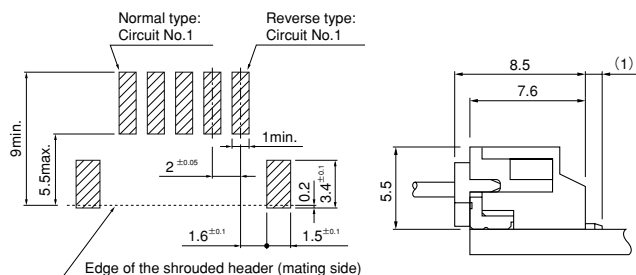
Note: 1. Tolerances are non-cumulative: ±0.05mm for all centers.
2. Hole dimensions differ according to the type of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.
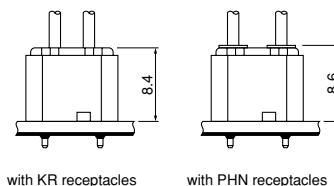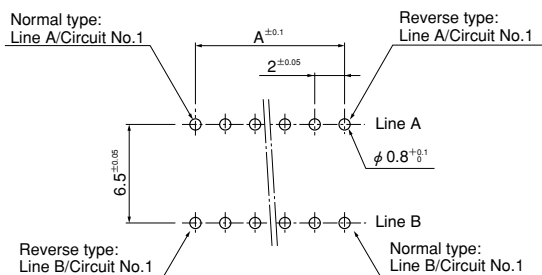
Note: 1. Tolerances are non-cumulative: ±0.05mm for all centers.
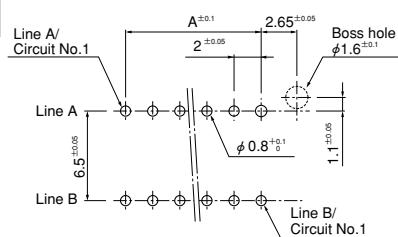2. The dimensions above should serve as a guideline. Contact JST for details.

Double-row shrouded header
(viewed from component side)

Top entry type

Normal type: Line A/Circuit No.1
Reverse type: Line A/Circuit No.1

$A^{\pm 0.1}$
$2^{\pm 0.05}$
Line A
$\phi\,0.8^{+0.1}_{0}$
$6.5^{\pm 0.05}$
Line B

Reverse type: Line B/Circuit No.1
Normal type: Line B/Circuit No.1

8.4 — with KR receptacles
8.6 — with PHN receptacles

With locks

Line A/Circuit No.1
$A^{\pm 0.1}$ $2.65^{\pm 0.05}$
$2^{\pm 0.05}$
Boss hole $\phi 1.6^{\pm 0.1}$
Line A
$6.5^{\pm 0.05}$
$\phi\,0.8^{+0.1}_{0}$
$1.1^{+0.05}_{0}$
Line B
Line B/Circuit No.1

(With a standard boss)

Line A/Circuit No.1
$A^{\pm 0.1}$ $2.65^{\pm 0.05}$
$2^{\pm 0.05}$
Boss hole $\phi 1.2^{\pm 0.1}$
Line A
$6.5^{\pm 0.05}$
$\phi\,0.8^{+0.1}_{0}$
$0.4^{+0.05}_{0}$
Line B
Line B/Circuit No.1

(With a compact boss)

11.5 (With a standard boss) with KR receptacles
11.5 (With a standard boss) with PHN receptacles

Side entry type

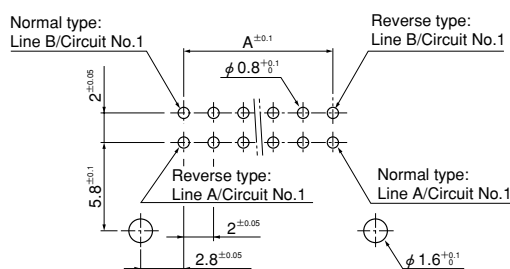Normal type: Line B/Circuit No.1
Reverse type: Line B/Circuit No.1
$A^{\pm 0.1}$
$\phi\,0.8^{+0.1}_{0}$
$2^{\pm 0.05}$
$5.8^{\pm 0.1}$
Reverse type: Line A/Circuit No.1
Normal type: Line A/Circuit No.1
$2^{\pm 0.05}$
$2.8^{\pm 0.05}$
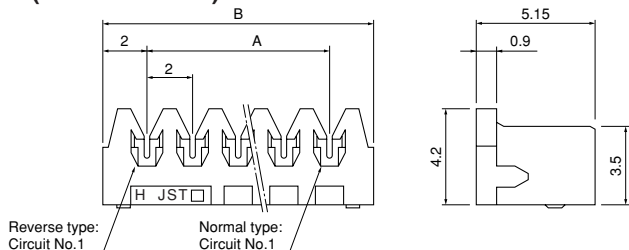$\phi\,1.6^{+0.1}_{0}$

10.95 with KR receptacles
11.15 with PHN receptacles

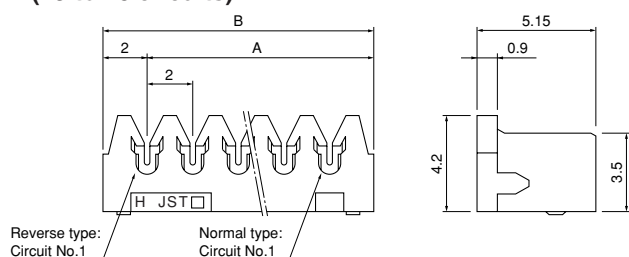Note: 1. Tolerances are non-cumulative: ±0.05mm for all centers.
2. Hole dimensions differ according to the type of PC board and piercing method. The dimensions above should serve as a guideline. Contact JST for details.

Insulation displacement connector (Receptacle)

(2 to 12 circuits)

B
2 A
2
5.15
0.9
4.2
3.5
H JST□
Reverse type: Circuit No.1
Normal type: Circuit No.1

(13 to 16 circuits)

B
2 A
2
5.15
0.9
4.2
3.5
H JST□
Reverse type: Circuit No.1
Normal type: Circuit No.1

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

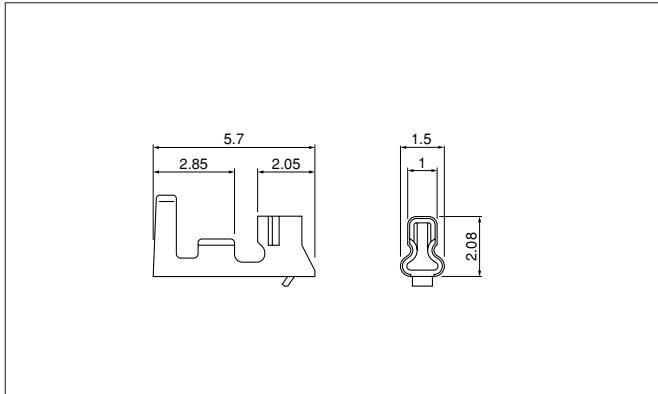| Material and Finish |
|---|
| Contact: Phosphor bronze, tin-plated (reflow treatment)
Housing: 2 to 12 circuits...PA 66, UL94V-0, gray
　　　　　13 to 16 circuits...Glass-filled PA 66, UL94V-0, gray |

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 1.0mm

RoHS compliance

KR FAMILY SERIES/KRW·KR·PHN·TR CONNECTOR

Crimp style connector (Contact)

Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty / reel
	mm²	AWG#		
SPH-002T-P0.5L	0.08~0.22	28~24	0.8~1.5	8,000

Material and Finish
Phosphor bronze, tin-plated (reflow treatment)

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

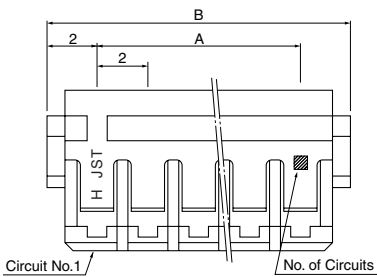| Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SPH-002T-P0.5L	AP-K2N	MKS-L	MK/SPH-002-05L	APLMK SPH002-05L
		*MKS-SC	SC/SPH-002-05L	APLSC SPH002-05L

*Note: *Strip-crimp applicator*
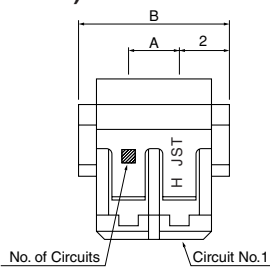
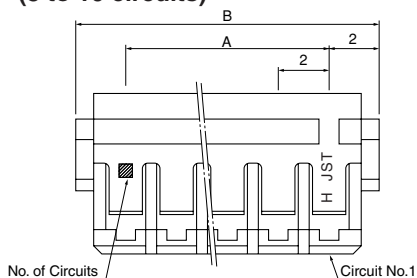## Crimp style connector (Housing)

Normal type (2 circuits)
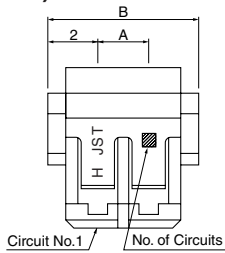
(3 to 16 circuits)

Reverse type (2 circuits)

(3 to 16 circuits)

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
PA 66, UL94V-0, gray

RoHS compliance

Single-row shrouded header (Through-hole type)

Top entry type (2 circuits)
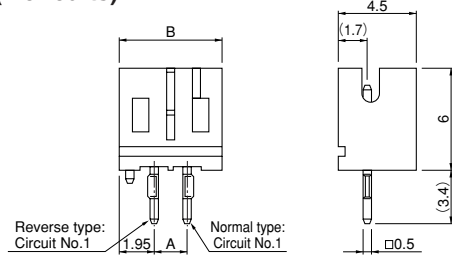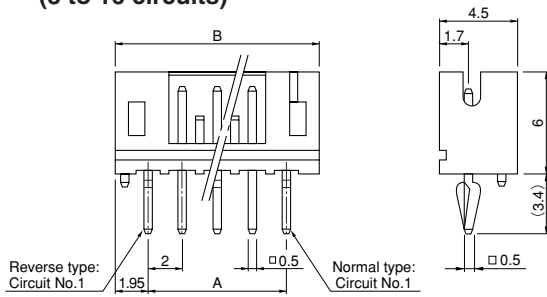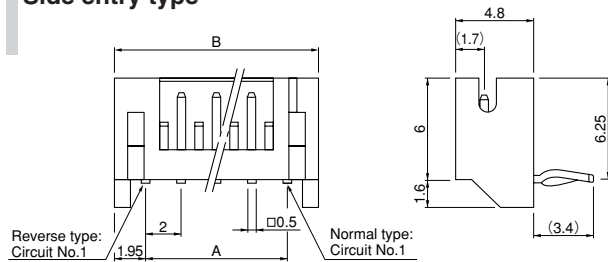
4.5 / B / (1.7) / 6 / (3.4) / □0.5

Reverse type: Circuit No.1 / 1.95 / A / Normal type: Circuit No.1

(3 to 16 circuits)

4.5 / B / 1.7 / 6 / (3.4) / □0.5

Reverse type: Circuit No.1 / 2 / 1.95 / A / □0.5 / Normal type: Circuit No.1

Side entry type

4.8 / B / (1.7) / 6 / 6.25 / 1.6 / (3.4)

Reverse type: Circuit No.1 / 2 / 1.95 / A / □0.5 / Normal type: Circuit No.1

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

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

RoHS 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.

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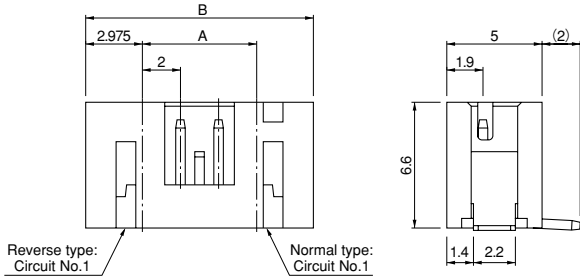For availability, delivery and minimum order quantity, contact JST.

ex. **B2B-PH-KBLC-H**

H…gray S…white Y…yellow R…red N…brown
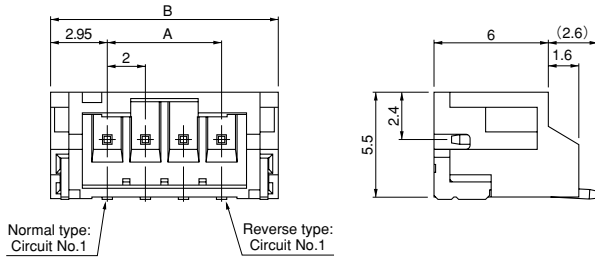K…black (blank)…gray (normal side entry type only)

Single-row shrouded header (SMT type)

Top entry type

Reverse type:
Circuit No.1

Normal type:
Circuit No.1

Side entry type

Normal type:
Circuit No.1

Reverse type:
Circuit No.1

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)

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

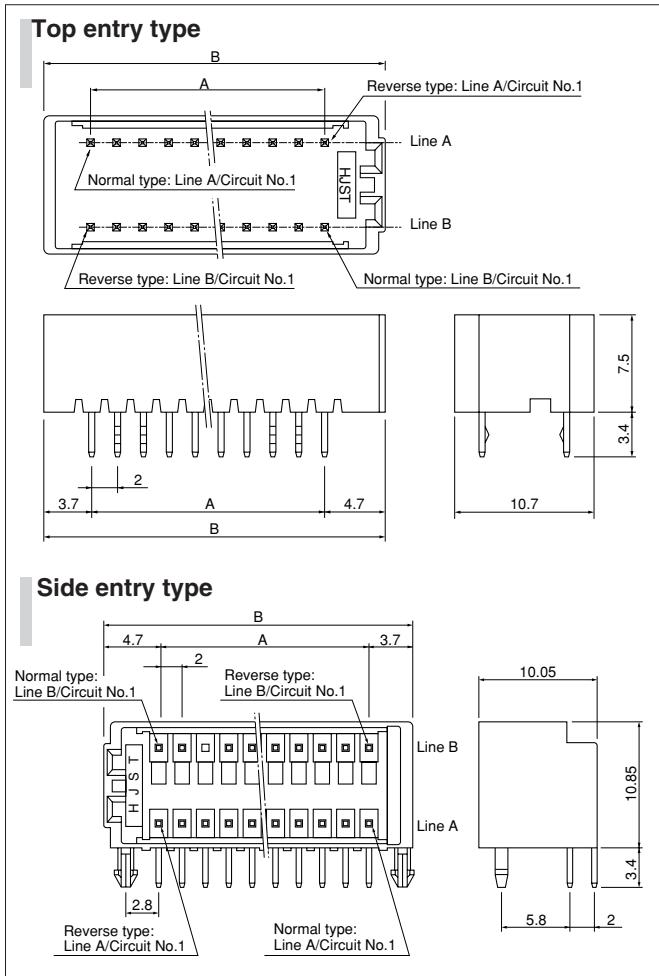| Circuits	Reverse type Model No.		Dimensions (mm)		Q'ty / reel
	Top entry type	Side entry type	A	B	
2	B2B-PH-SM4C-TB	S2B-PH-SM4C-TB	2.0	7.9	1,000
3	B3B-PH-SM4C-TB	S3B-PH-SM4C-TB	4.0	9.9	1,000
4	B4B-PH-SM4C-TB	S4B-PH-SM4C-TB	6.0	11.9	1,000
5	B5B-PH-SM4C-TB	S5B-PH-SM4C-TB	8.0	13.9	1,000
6	B6B-PH-SM4C-TB	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)

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

Double-row shrouded Header

Top entry type

Side entry type

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

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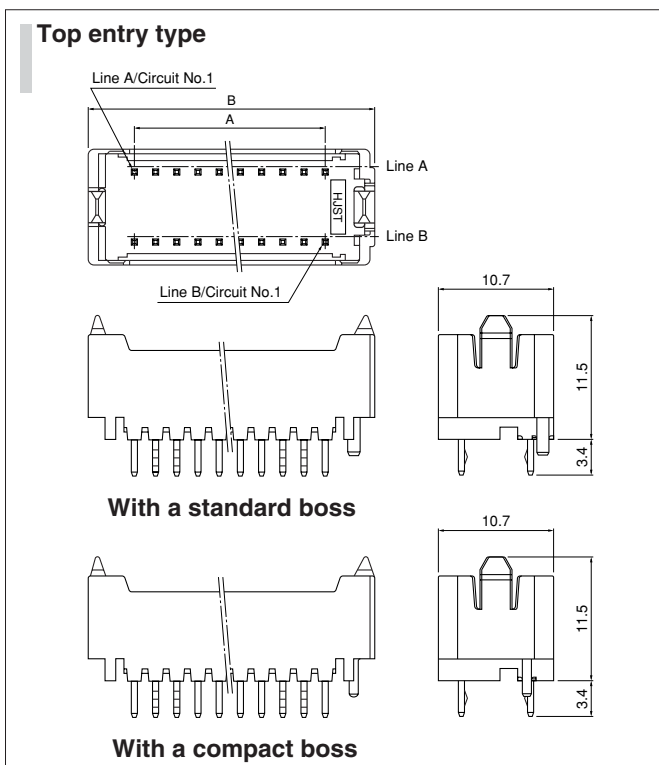2.The products listed above are supplied packed in tray.

<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.   **B10B-KRWHK-( )**
M…green   H…gray   N…brown

Double-row shrouded Header (with locks)

Top entry type

With a standard boss

With a compact boss

Circuits	Model No.			Dimensions (mm)		Q'ty / box
	Top entry type					
	Without bosses	With a standard boss	With a compact boss	A	B	
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

RoHS compliance   This product displays (LF)(SN) on a label.
Note:1. The products listed above are supplied packed in tray.
2. Not UL/CSA/TÜV approved.
3. The applicable holder is "KRWH-( )( )-( )-1" only.

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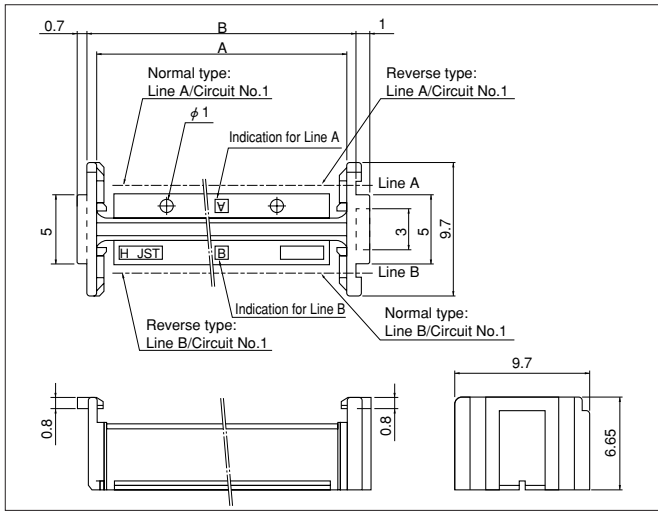For availability, delivery and minimum order quantity, contact JST.

ex.   **B10B-KRWHK-F1-( )**
H…gray   Y…yellow   R…red   N…brown
M…green   K…black

# KR FAMILY SERIES/KRW·KR·PHN·TR CONNECTOR

KRW connector Holder

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
PA 66, UL94V-0, gray

RoHS compliance

KRW connector Holder (for header with locks)
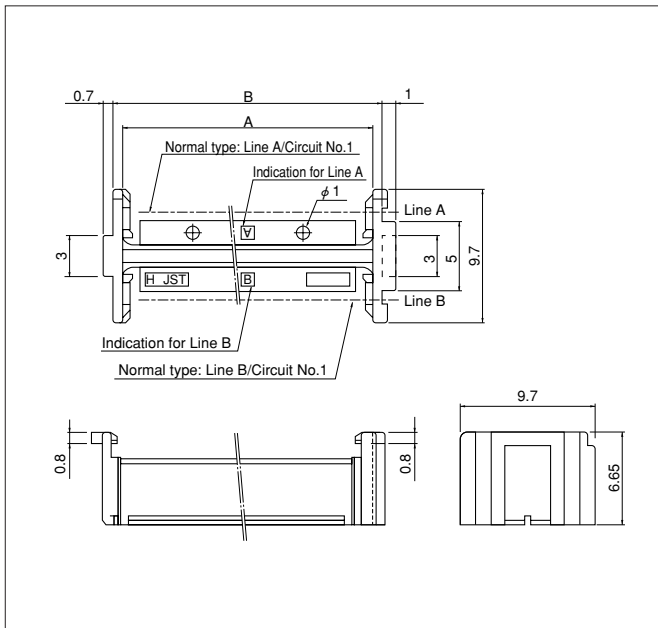
Circuits	Model No.	Dimensions (mm)		Q'ty / box
		A	B	
10	**KRWH-10-H-1**	12.0	13.4	1,000
12	**KRWH-12-H-1**	14.0	15.4	1,000
14	**KRWH-14-H-1**	16.0	17.4	1,000
16	**KRWH-16-H-1**	18.0	19.4	1,000
18	**KRWH-18-H-1**	20.0	21.4	1,000
20	**KRWH-20-H-1**	22.0	23.4	1,000
22	**KRWH-22-H-1**	24.0	25.4	1,000
24	**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
PA 66, UL94V-0, gray

RoHS compliance
Note:1. Not UL/CSA/TÜV approved.
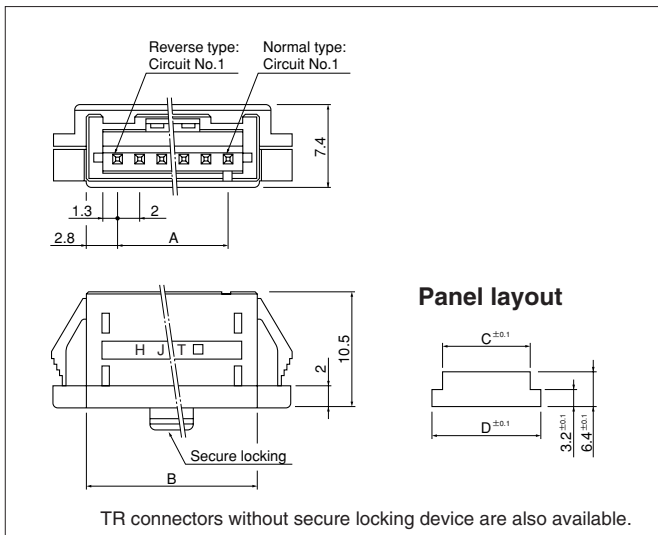   2. The applicable header is "B( )B-KRW( )K-F1-( )" only.

<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.   **KRWH-10-H-1**

        H…gray Y…yellow R…red N…brown K…black S…natural

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

Panel layout

TR connectors without secure locking device are also available.

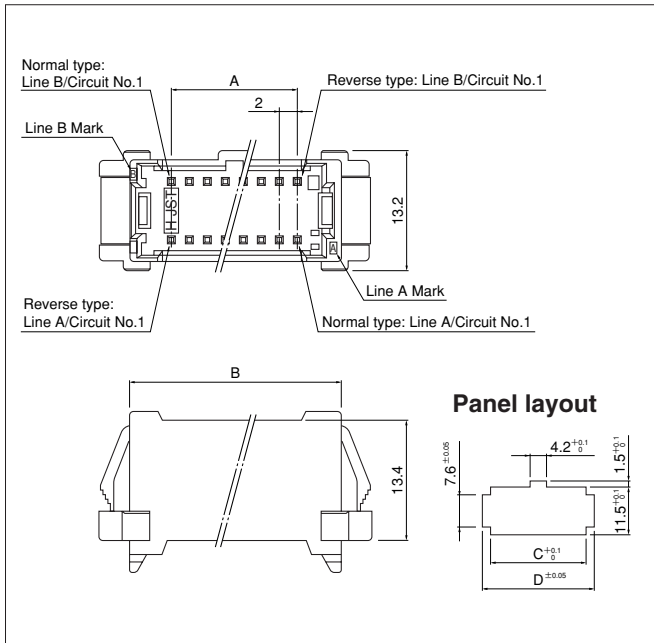| Circuits	Model No.		Dimensions (mm)				Q'ty / box
	Normal type	Reverse type	A	B	C	D	
2	**BU02P-TR-P-H**	BU02P-TR-PC-H	2.0	7.6	7.9	11.6	500
3	**BU03P-TR-P-H**	BU03P-TR-PC-H	4.0	9.6	9.9	13.6	500
4	**BU04P-TR-P-H**	BU04P-TR-PC-H	6.0	11.6	11.9	15.6	500
5	**BU05P-TR-P-H**	BU05P-TR-PC-H	8.0	13.6	13.9	17.6	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

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

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

Normal type:
Line B/Circuit No.1

Reverse type: Line B/Circuit No.1

Line B Mark

A

2

13.2

Reverse type:
Line A/Circuit No.1

Line A Mark

Normal type: Line A/Circuit No.1

B

13.4

7.6 ±0.05

Panel layout

4.2 $^{+0.1}_{0}$

1.5 $^{+0.1}_{0}$

11.5 $^{+0.1}_{0}$

C $^{+0.1}_{0}$

D $^{±0.05}$

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

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

<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.   **BU16P-TRW-P-H**

H…gray   Y…yellow   R…red   N…brown
S…natural (white)   M…green