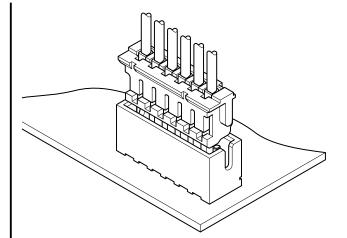






1.5 mm pitch/Disconnectable Crimp style connectors

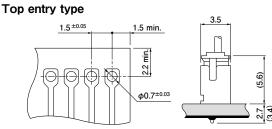


The ZH connector is very small with a mounting height of 5.6 mm and a thickness of only 3.5 mm. Contact retention lances on the housing make insertion easier, while the dimple at the center of the contact ensures reliable contact with the post.

- Compact, low profile design
- Housing lances
- Reliable contact construction
- Distortion resistant construction
- Compatible with the ZR insulation displacement connectors

PC board layout and Assembly layout

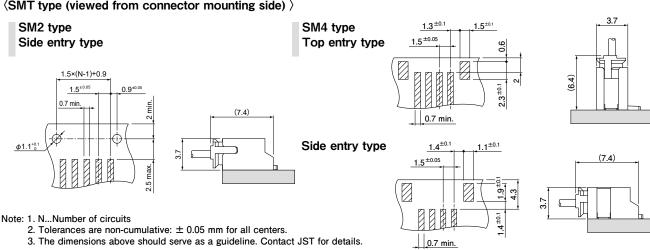
\langle Through-hole type (viewed from soldering side) \rangle



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

2. Hole dimension differ according to the type of PC board and piercing method. If PC boards made of hard material are used, the hole dimensions should be larger. The dimensions above should serve as a guideline. Contact JST for details.

 \langle SMT type (viewed from connector mounting side) \rangle



JST 1

Specifications –

- Current rating: 1.0 A AC/DC (AWG #26)
- Voltage rating: 50 V AC/DC
- Temperature range: −25°C to +85°C
 - (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 20 mΩ max.
 - After environmental tests/ 30 m Ω max.
- Insulation resistance: 500 M Ω min.
- Withstanding voltage: 500 VAC/minute
- Applicable wire: AWG #32 to #26
- Applicable PC board thickness: 0.6 to 1.2 mm, 1.6 mm
- * In using the products, refer to "Handling Precautions for Terminals and Connectors" described on our website (Technical documents of Product information page).

1.5 min.

4.6 min.

(7.1)

4.6

3.7

3.4)

- * RoHS2 compliance
- * Dimensional unit: mm
- * Contact JST for details.

Standards -

- Recognized E60389
- GE Certified LR20812

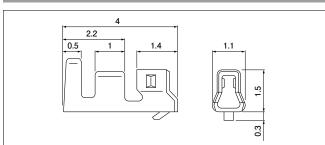
Side entry type

 $\phi 0.7^{\pm 0.03}$

 $1.5^{\pm 0.05}$

ZH CONNECTOR





Model No.		Applicable wire			
	mm ²	AWG#	Insulation O.D. (mm)	reel	
SZH-002T-P0.5	0.08~0.13	28~26	0.8~1.1	13,000	
SZH-003T-P0.5	0.032~0.08	32~28	0.5~0.9	16,000	

Material and Finish

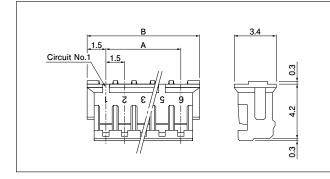
Phosphor bronze, tin-plated (reflow treatment)

RoHS2 compliance

a	Crimping		Applicator	
Contact	machine	Crimp applicator	Dies	Crimp applicator with dies
SZH-002T-P0.5	AP-K2N	MKS-L	MK/SZH-002-05	APLMK SZH002-05
SZH-003T-P0.5			MK/SZH-003-05	APLMK SZH003-05

Note: Contact JST for fully automatic crimping applicator.

Housing



No. of	Model No.	Dimensio	Q'ty/					
circuits		Α	В	bag				
2	ZHR-2	1.5	4.5	1,000				
3	ZHR-3	3.0	6.0	1,000				
4	ZHR-4	4.5	7.5	1,000				
5	ZHR-5	6.0	9.0	1,000				
6	ZHR-6	7.5	10.5	1,000				
6	*ZHR-6(3.0)	15.0	18.0	1,000				
7	ZHR-7	9.0	12.0	1,000				
8	ZHR-8	10.5	13.5	1,000				
9	ZHR-9	12.0	15.0	1,000				
10	ZHR-10	13.5	16.5	1,000				
11	ZHR-11	15.0	18.0	1,000				
12	ZHR-12	16.5	19.5	1,000				
13	ZHR-13	18.0	21.0	1,000				
	Matarial and Einig	.						
	Material and Finish							

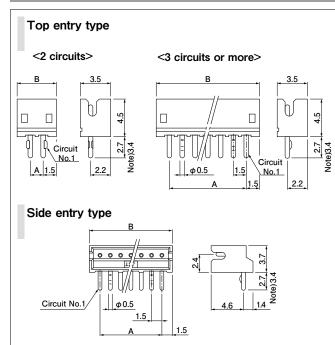
PA 66, UL94V-0, natural (white)

RoHS2 compliance

Note: 1. ZHR-6(3.0) means the 6-circuits housing with 3.0mm pitch and each even number circuit is filled with the resin.

- As for this housing, only circuit No.1 is marked.
- 2. ZHR-6(3.0) is not UL/CSA approved.

Through-hole type shrouded header

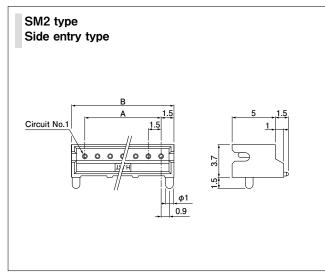


	Model No.				Dimensions (mm)		Q'ty/box		
No. of circuits	Top entry type	Side entry type	Note) Top entry type	Note) Side entry type	Α	в	Top entry type	Side entry type	Side entry type-3.4
2	B2B-ZR	S2B-ZR	B2B-ZR-3.4	S2B-ZR-3.4	1.5	4.5	2,000	2,000	2,000
3	B3B-ZR	S3B-ZR	B3B-ZR-3.4	S3B-ZR-3.4	3.0	6.0	2,000	2,000	1,000
4	B4B-ZR	S4B-ZR	B4B-ZR-3.4	S4B-ZR-3.4	4.5	7.5	2,000	2,000	2,000
5	B5B-ZR	S5B-ZR	B5B-ZR-3.4	S5B-ZR-3.4	6.0	9.0	2,000	1,000	1,000
6	B6B-ZR	S6B-ZR	B6B-ZR-3.4	S6B-ZR-3.4	7.5	10.5	2,000	1,000	1,000
7	B7B-ZR	S7B-ZR	B7B-ZR-3.4	S7B-ZR-3.4	9.0	12.0	1,000	1,000	1,000
8	B8B-ZR	S8B-ZR	B8B-ZR-3.4	S8B-ZR-3.4	10.5	13.5	1,000	1,000	1,000
9	B9B-ZR	S9B-ZR	B9B-ZR-3.4	S9B-ZR-3.4	12.0	15.0	1,000	1,000	1,000
10	B10B-ZR	S10B-ZR	B10B-ZR-3.4	S10B-ZR-3.4	13.5	16.5	1,000	1,000	1,000
11	B11B-ZR	S11B-ZR	B11B-ZR-3.4	S11B-ZR-3.4	15.0	18.0	1,000	500	500
12	B12B-ZR	S12B-ZR	B12B-ZR-3.4	S12B-ZR-3.4	16.5	19.5	1,000	500	500
13	B13B-ZR	S13B-ZR	B13B-ZR-3.4	S13B-ZR-3.4	18.0	21.0	500	500	500
-		1	Material a	and Finish	1				

Pin: Brass, copper-undercoated, tin-plated (reflow treatment) Wafer: Glass-filled PA 66, UL94V-0, natural (ivory)

RoHS2 compliance This product displays (LF)(SN) on a label. Note: Headers with 3.4mm long solder tails, suited for the 1.6mm thick PC board.

SMT type shrouded header



SM4 type (with solder tabs) Top entry type	
B A 2.25 1.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Side entry type	
B A 2.25 Circuit No.1 Circuit No.1	

No. of	Model No.	Dimensi	Dimensions (mm)		
circuits	Side entry type	Α	В	Q'ty reel	
2	S2B-ZR-SM2-TF	1.5	4.5	1,0	
3	S3B-ZR-SM2-TF	3.0	6.0	1,0	
4	S4B-ZR-SM2-TF	4.5	7.5	1,0	
5	S5B-ZR-SM2-TF	6.0	9.0	1,0	
6	S6B-ZR-SM2-TF	7.5	10.5	1,0	
7	S7B-ZR-SM2-TF	9.0	12.0	1,0	
8	S8B-ZR-SM2-TF	10.5	13.5	1,0	
9	S9B-ZR-SM2-TF	12.0	15.0	1,0	
10	S10B-ZR-SM2-TF	13.5	16.5	1,0	
11	S11B-ZR-SM2-TF	15.0	18.0	1,0	
12	S12B-ZR-SM2-TF	16.5	19.5	1,0	
13	S13B-ZR-SM2-TF	18.0	21.0	1,0	

Material and Finish

Pin: Brass, copper-undercoated, tin-plated (reflow treatment) Wafer: Glass-filled PA 46, UL94V-0, natural (ivory)

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

SM4 type

No. of	Model No.			Dimensions (mm)		Q'ty/reel	
circuits	Top entry type	Side entry type	A	В	Top entry type	Side entry type	
2	B2B-ZR-SM4-TF	S2B-ZR-SM4A-TF	1.5	6.0	1,000	1,000	
3	B3B-ZR-SM4-TF	S3B-ZR-SM4A-TF	3.0	7.5	1,000	1,000	
4	B4B-ZR-SM4-TF	S4B-ZR-SM4A-TF	4.5	9.0	1,000	1,000	
5	B5B-ZR-SM4-TF	S5B-ZR-SM4A-TF	6.0	10.5	1,000	1,000	
6	B6B-ZR-SM4-TF	S6B-ZR-SM4A-TF	7.5	12.0	1,000	1,000	
7	B7B-ZR-SM4-TF	S7B-ZR-SM4A-TF	9.0	13.5	1,000	1,000	
8	B8B-ZR-SM4-TF	S8B-ZR-SM4A-TF	10.5	15.0	1,000	1,000	
9	B9B-ZR-SM4-TF	S9B-ZR-SM4A-TF	12.0	16.5	1,000	1,000	
10	B10B-ZR-SM4-TF	S10B-ZR-SM4A-TF	13.5	18.0	1,000	1,000	
11	B11B-ZR-SM4-TF	S11B-ZR-SM4A-TF	15.0	19.5	1,000	1,000	
12	B12B-ZR-SM4-TF	S12B-ZR-SM4A-TF	16.5	21.0	1,000	1,000	
13	B13B-ZR-SM4-TF	S13B-ZR-SM4A-TF	18.0	22.5	1,000	1,000	

Material and Finish

Pin: Brass, 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.

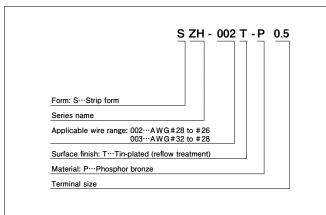
Note: 1. PA 9T is used for some colored products.

The products listed above are supplied on embossed-tape.
Contact JST for the top entry type headers with suction cap.

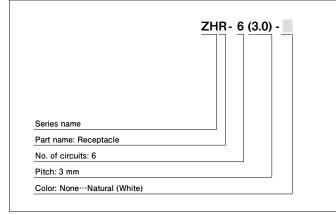
ZH CONNECTOR

Model number allocation

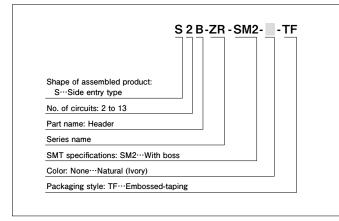
Contact



Housing with plugged up hole

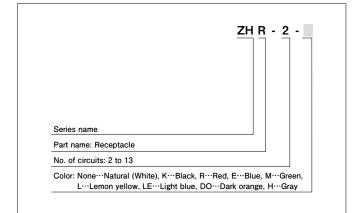


SMT type Header

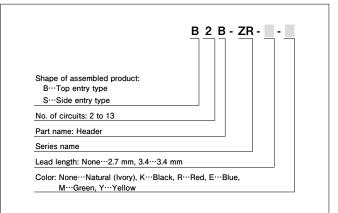


Note: Depending on the colors, it may take some time for delivery.

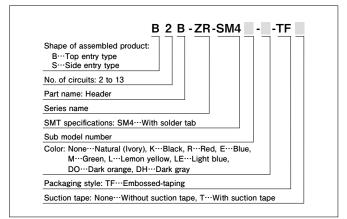
Housing



Header



SMT type Header (With solder tab)



单击下面可查看定价,库存,交付和生命周期等信息

>>JST(杰世腾)