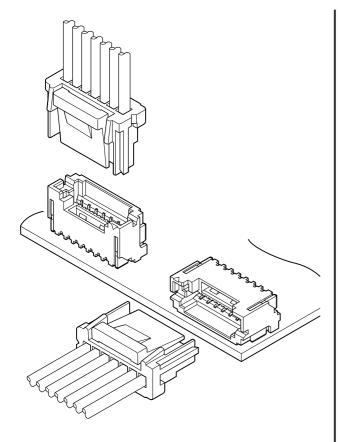


ZE CONNECTOR



1.5mm pitch/Disconnectable Crimp style connectors



1.5mm pitch secure lock type connector. Fork-shaped header contact provides the good mating feeling and secure mating operation.

- Secure locking structure
- Contact locking structure

Specifications –

• Current rating: 2A AC, DC (AWG #24)

Voltage rating: 100V AC, DC
Temperature range: -25°C to +85°C

(including temperature rise in applying

electrical current)

• Contact resistance: Initial value/20m Ω max.

After environmental testing/40m Ω max.

• Insulation resistance: 500M Ω min. • Withstanding voltage: 500V AC/minute

 Applicable wire: Conductor size/AWG #30 to #24 Insulation O.D./0.8 to 1.2mm

* Compliant with RoHS.

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

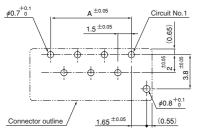
* Contact JST for details.

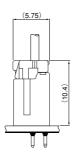
Standards -

Recognized E60389

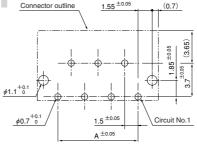
PC board layout (viewed from component side) and Assembly layout

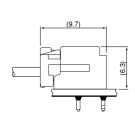
Top entry type





Side entry type Connector outline 1.55



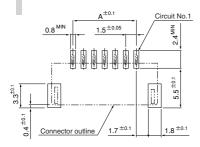


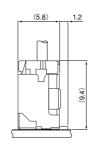
Note: 1. Tolerances are non-cumulative: ±0.05mm for all centers.

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.

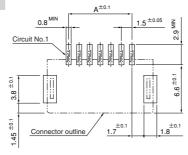
<SMT type>

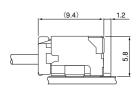
Top entry type





Side entry type



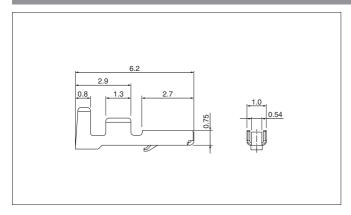


Note: 1. Tolerances are non-cumulative: ±0.1mm for all centers.

2. The dimensions above should serve as a guideline. Contact JST for details.

ZE CONNECTOR

Contact



Model No.	Applicable wire		Insulation O.D.	Q'ty/	
	mm²	AWG#	(mm)	reel	
SZE-002T-P0.3	0.08~0.21	28~24	0.8~1.2	16,000	
SZE-003T-P0.3	0.05~0.13	30~26	0.8~1.0	16,000	

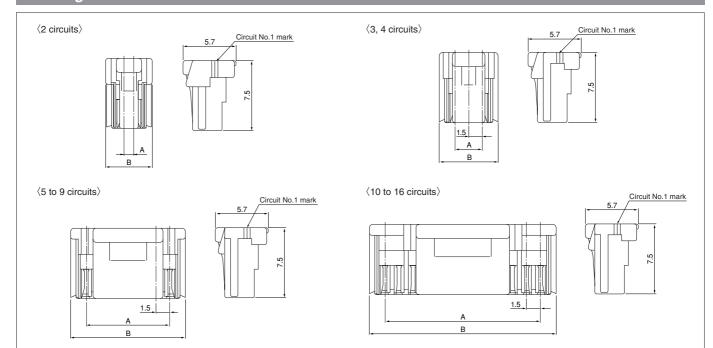
Material and Finish

Copper alloy, tin-plated (reflow treatment)

RoHS compliance

0	Crimping	Applicator			
Contact			Dies	Crimp applicator with dies	
SZE-002T-P0.3	AP-K2N	MKS-L	MK/SZE-002-03	APLMK SZE002-03	
		_	_	-	
SZE-003T-P0.3	AD KON	MKS-L	MK/SZE-003-03	APLMK SZE003-03	
32E-0031-F0.3	AP-K2N	_	_	-	

Housing



Circuita	Madal Na	Dimensions (mm)	Q'ty /	
Circuits	Model No.	Α	В	bag
2	ZER-02V-S	1.5	5.0	6,000
3	ZER-03V-S	3.0	6.3	6,000
4	ZER-04V-S	4.5	7.8	5,000
5	ZER-05V-S	6.0	9.3	3,000
6	ZER-06V-S	7.5	10.8	3,000
7	ZER-07V-S	9.0	12.3	2,000
8	ZER-08V-S	10.5	13.8	2,000
9	ZER-09V-S	12.0	15.3	2,000
10	ZER-10V-S	13.5	16.8	2,000
11	ZER-11V-S	15.0	18.3	2,000
12	ZER-12V-S	16.5	19.8	2,000
13	ZER-13V-S	18.0	21.3	2,000
14	ZER-14V-S	19.5	22.8	2,000
15	ZER-15V-S	21.0	24.3	1,500
16	ZER-16V-S	22.5	25.8	1,500

Material
PBT, UL94V-0, natural

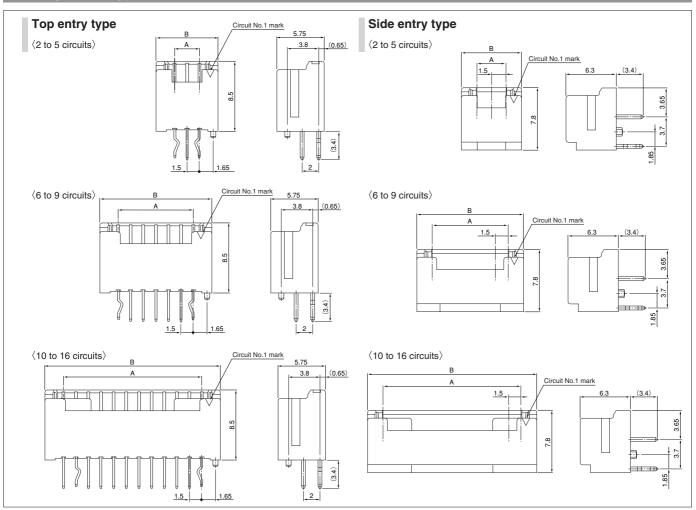
<For reference> As the color identification, the following alphabet shall be put in the underlined part. For availability, delivery and minimum order quantity, contact JST.

ex. **ZER-02V-S**

S...natural Z...ivory E...blue TR...tomato red MG...moss green DH...dark gray DPK...dark pink L...lemon yellow LE...light blue DO...dark orange DP...dark purple K...black R...red M...green Y...yellow N...brown P...purple FY...vivid yellow PK...pink O...orange

ZE CONNECTOR

Through-hole type shrouded header



Top entry type

o: ::	Mode	el No.	Dimensions (mm)		Q'ty/
Circuits	Without boss	With boss	Α	В	box
2	_	B02B-ZESK-1D	1.5	6.0	2,496
3	B03B-ZESK-D	B03B-ZESK-1D	3.0	7.5	1,984
4	B04B-ZESK-D	B04B-ZESK-1D	4.5	9.0	1,664
5	B05B-ZESK-D	B05B-ZESK-1D	6.0	10.5	1,408
6	B06B-ZESK-D	B06B-ZESK-1D	7.5	12.0	1,216
7	B07B-ZESK-D	B07B-ZESK-1D	9.0	13.5	1,088
8	B08B-ZESK-D	B08B-ZESK-1D	10.5	15.0	960
9	B09B-ZESK-D	B09B-ZESK-1D	12.0	16.5	896
10	B10B-ZESK-D	B10B-ZESK-1D	13.5	18.0	832
11	B11B-ZESK-D	B11B-ZESK-1D	15.0	19.5	768
12	B12B-ZESK-D	B12B-ZESK-1D	16.5	21.0	704
13	B13B-ZESK-D	B13B-ZESK-1D	18.0	22.5	640
14	B14B-ZESK-D	B14B-ZESK-1D	19.5	24.0	576
15	B15B-ZESK-D	B15B-ZESK-1D	21.0	25.5	576
16	B16B-ZESK-D	B16B-ZESK-1D	22.5	27.0	512

Material and Finish

Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Wafer: Glass-filled PA 66, UL94V-0, natural

Side entry type

O:ia-	Model No.	Dimensions (mm)		Q'ty /
Circuits		Α	В	box
2	S02B-ZESK-2D	1.5	6.0	1,872
3	S03B-ZESK-2D	3.0	7.5	1,488
4	S04B-ZESK-2D	4.5	9.0	1,248
5	S05B-ZESK-2D	6.0	10.5	1,056
6	S06B-ZESK-2D	7.5	12.0	912
7	S07B-ZESK-2D	9.0	13.5	816
8	S08B-ZESK-2D	10.5	15.0	720
9	S09B-ZESK-2D	12.0	16.5	672
10	S10B-ZESK-2D	13.5	18.0	624
11	S11B-ZESK-2D	15.0	19.5	576
12	S12B-ZESK-2D	16.5	21.0	528
13	S13B-ZESK-2D	18.0	22.5	480
14	S14B-ZESK-2D	19.5	24.0	432
15	S15B-ZESK-2D	21.0	25.5	432
16	S16B-ZESK-2D	22.5	27.0	384

Material and Finish

Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Wafer: Glass-filled PA 66, UL94V-0, natural

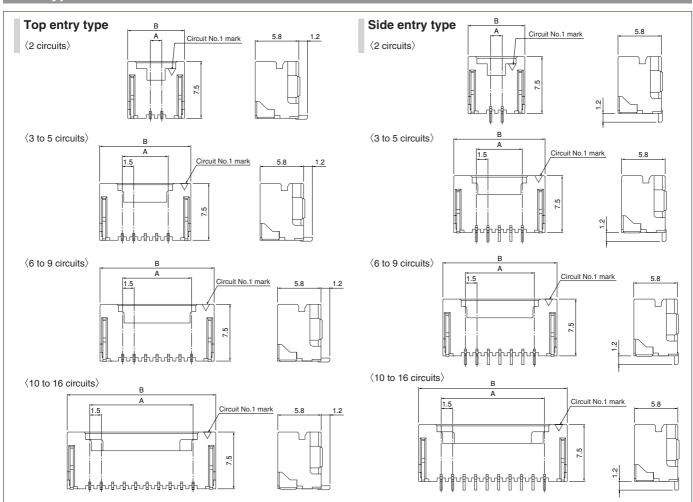
RoHS compliance This product displays (LF)(SN) on a label.

RoHS compliance This product displays (LF)(SN) on a label. Note: Top entry type 2 circuits is only header with boss.

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. B02B-ZESK-1D, S02B-ZESK-2D S...natural Z...ivory E...blue TR...tomato red MG...moss green DH...dark gray DPK...dark pink

SMT type shrouded header



Top entry type

-		Dimensions (mm)		Q'ty /
Circuits	Model No.	Α	В	reel
2	BM02B-ZESS-TBT	1.5	7.5	800
3	BM03B-ZESS-TBT	3.0	9.0	800
4	BM04B-ZESS-TBT	4.5	10.5	800
5	BM05B-ZESS-TBT	6.0	12.0	800
6	BM06B-ZESS-TBT	7.5	13.5	800
7	BM07B-ZESS-TBT	9.0	15.0	800
8	BM08B-ZESS-TBT	10.5	16.5	800
9	BM09B-ZESS-TBT	12.0	18.0	800
10	BM10B-ZESS-TBT	13.5	19.5	800
11	BM11B-ZESS-TBT	15.0	21.0	800
12	BM12B-ZESS-TBT	16.5	22.5	800
13	BM13B-ZESS-TBT	18.0	24.0	800
14	BM14B-ZESS-TBT	19.5	25.5	800
15	BM15B-ZESS-TBT	21.0	27.0	800
16	BM16B-ZESS-TBT	22.5	28.5	800

Material and Finish

Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Wafer: Polyamide, UL94V-0, natural Reinforcement: Copper alloy, copper-undercoated, tin-plated (reflow treatment)

RoHS compliance This product displays (LF)(SN) on a label. Note: This products listed above are supplied on embossed-tape/with suction tape.

Side entry type

Circuits	Model No.	Dimensions (mm)		Q'ty /
		Α	В	reel
2	SM02B-ZESS-TB	1.5	7.5	1,000
3	SM03B-ZESS-TB	3.0	9.0	1,000
4	SM04B-ZESS-TB	4.5	10.5	1,000
5	SM05B-ZESS-TB	6.0	12.0	1,000
6	SM06B-ZESS-TB	7.5	13.5	1,000
7	SM07B-ZESS-TB	9.0	15.0	1,000
8	SM08B-ZESS-TB	10.5	16.5	1,000
9	SM09B-ZESS-TB	12.0	18.0	1,000
10	SM10B-ZESS-TB	13.5	19.5	1,000
11	SM11B-ZESS-TB	15.0	21.0	1,000
12	SM12B-ZESS-TB	16.5	22.5	1,000
13	SM13B-ZESS-TB	18.0	24.0	1,000
14	SM14B-ZESS-TB	19.5	25.5	1,000
15	SM15B-ZESS-TB	21.0	27.0	1,000
16	SM16B-ZESS-TB	22.5	28.5	1,000

Material and Finish

Contact: Copper alloy, copper-undercoated, tin-plated (reflow treatment) Wafer: Polyamide, UL94V-0, natural Reinforcement: Copper alloy, copper-undercoated, tin-plated (reflow treatment)

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

Note: This products listed above are supplied on embossed-tape/without suction tape.

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

BM02B-ZESS-TBT, SM02B-ZESS-TB S...natural Z...ivory E...blue TR...tomato red MG...moss green DH...dark gray DPK...dark pink

L...lemon yellow LE...light blue DO...dark orange DP...dark purple