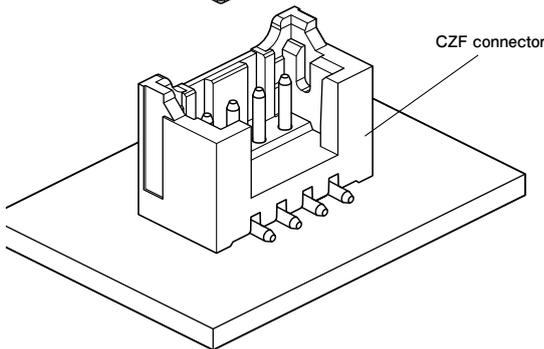
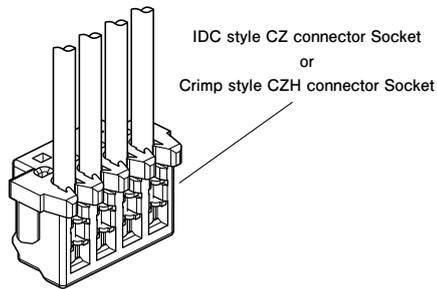


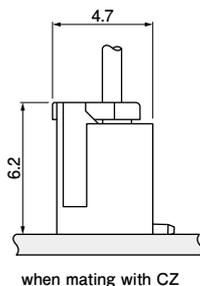
CZF CONNECTOR

1.5 mm pitch/Wire-to-Board connectors/DIC, Crimp, and Mating styles

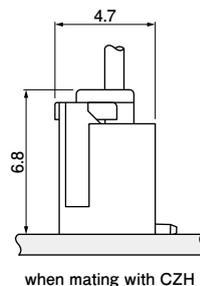


The SMT top entry type headers that can be mated with the 1.5 mm pitch CZ connector socket are on the lineup.

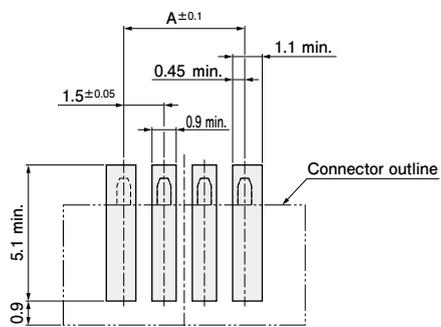
- Suction tape is not required because the flat area for picking up is provided to the connector.
- This header can be accommodated to both the crimp style and the insulation displacement (ID) style sockets.



when mating with CZ



when mating with CZH



Recommended pattern layout

Note: 1. The PC board layout is the figure viewed from the connector mounting side.
 2. Tolerance for the PCB pattern pitch shall be ± 0.05 and shall not accumulate.
 The above dimensions are reference values. Please contact JST for details.

Specifications

	CZF/CZ connectors	CZF/CZH connectors
Current rating	2 A AC/DC (AWG #26)	
Voltage rating	100V AC/DC	
Temperature rise	-25°C to +85°C (including temperature rise in applying electrical current)	
Contact resistance	Initial value/ 10 mΩ max. After environmental tests/ 20 mΩ max.	
Insulation resistance	500 MΩ min.	
Withstanding voltage	There shall be no breakdown or flashover while applying 500 VAC for one minute.	
Applicable wire range	UL10272 (Please contact JST for details regarding the use of other UL style wires.) AWG #28, #26 Conductor / 7-strands, tinned annealed copper Insulation O.D. / $\phi 0.7$ mm to $\phi 0.83$ mm	AWG #28 to AWG #26

* Please refer to the "Handling Precautions for Terminals and Connectors" on our website (listed in the "Technical Documents" column on the Product Information page) before use.

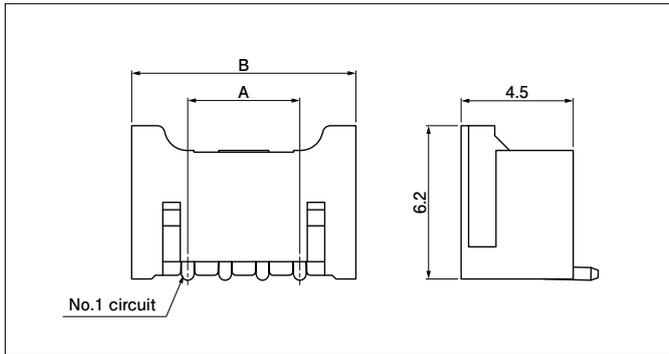
- * RoHS2 compliance
- * Dimensional unit: mm
- * Contact JST for details.

Standard

For information on overseas standard registrations, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).
 ※ Specifications registered to overseas standards may differ from the general specifications listed above.

CZF CONNECTOR

CZF connector Header (SMT type)



No. of circuits	Model No.	Dimensions (mm)		Q'ty/reel
		A	B	
2	BM02B-CZFKS-TF	1.5	6.0	1,150
3	BM03B-CZFKS-TF	3.0	7.5	1,150
4	BM04B-CZFKS-TF	4.5	9.0	1,150
5	BM05B-CZFKS-TF	6.0	10.5	1,150
6	BM06B-CZFKS-TF	7.5	12.0	1,150
7	BM07B-CZFKS-TF	9.0	13.5	1,150
8	BM08B-CZFKS-TF	10.5	15.0	1,150

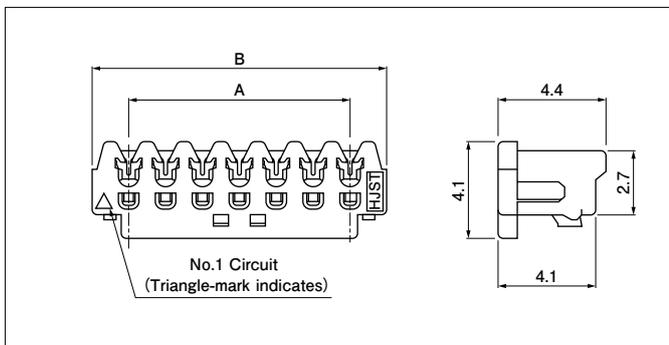
Material and Surface finish, etc.

Pin: Copper alloy, copper-undercoated, tin-plated
Wafer: Heat resisting resin, black

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

※ For flame retardant grade of resin material used, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

CZ connector Socket



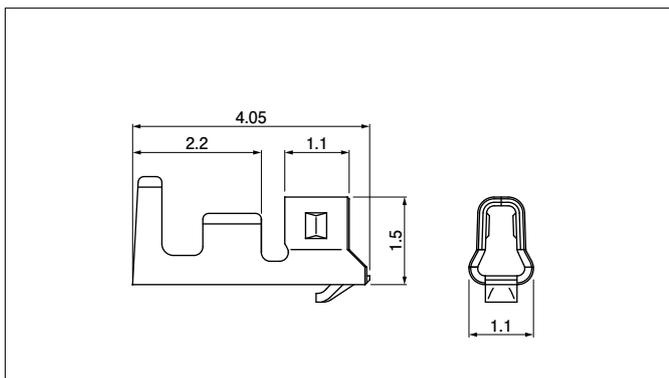
No. of circuits	Model No.	Dimensions (mm)		Q'ty/box
		A	B	
2	02CZ-6H	1.5	4.5	2,000
3	03CZ-6H	3.0	6.0	2,000
4	04CZ-6H	4.5	7.5	2,000
5	05CZ-6H	6.0	9.0	2,000
6	06CZ-6H	7.5	10.5	2,000
7	07CZ-6H	9.0	12.0	2,000
8	08CZ-6H	10.5	13.5	2,000

Material and Surface finish, etc.

Contact: Copper alloy, tin-plated
Housing: Thermoplastic resin

※ For flame retardant grade of resin material used, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

CZH connector Contact



Model No.	Applicable wire range		Q'ty/reel
	Conductor size AWG (mm ²)	Insulation O.D. (mm)	
SCZH-002T-P0.5	#28 to #26 (0.08 to 0.13)	0.8 to 1.1	13,000

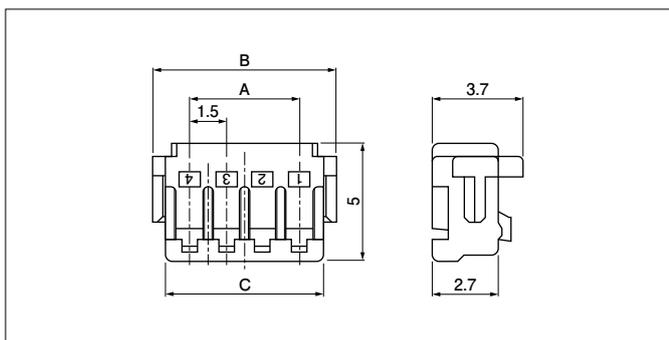
Material and Surface finish, etc.

Copper alloy, tin-plated

Contact	Crimping machine	Applicator	Crimp applicator with dies
SCZH-002T-P0.5	AP-K2N	MKS-L	APLMK SCZH002-05

Note: Contact JST for fully automatic crimping applicator.

CZH connector Housing



No. of circuits	Model No.	Dimensions (mm)			Q'ty/box
		A	B	C	
2	CZHR-02V-S	1.5	4.5	3.5	1,000
3	CZHR-03V-S	3.0	6.0	5.0	1,000
4	CZHR-04V-S	4.5	7.5	6.5	1,000
5	CZHR-05V-S	6.0	9.0	8.0	1,000
6	CZHR-06V-S	7.5	10.5	9.5	1,000
7	CZHR-07V-S	9.0	12.0	11.0	1,000
8	CZHR-08V-S	10.5	13.5	12.5	1,000

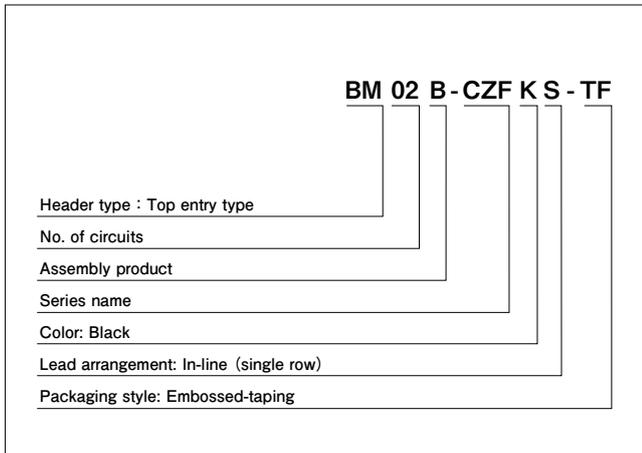
Material and Surface finish, etc.

Thermoplastic resin, natural

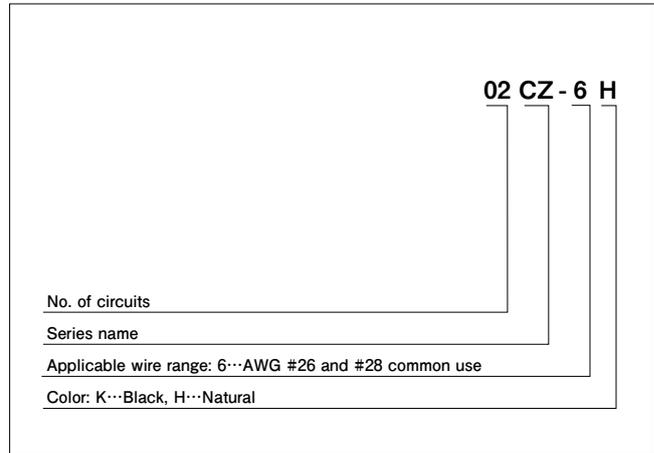
※ For flame retardant grade of resin material used, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).

Model number allocation

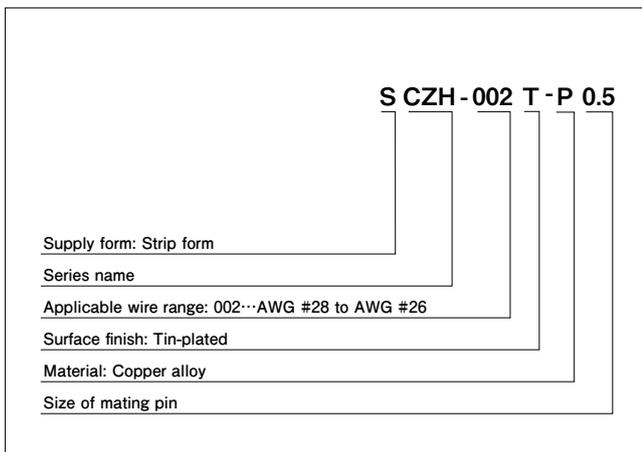
CZF connector/Header (SMT type)



CZ connector/Socket (IDC style)



CZH connector/Contact (Crimp style)



CZH connector/Housing (Crimp style)

