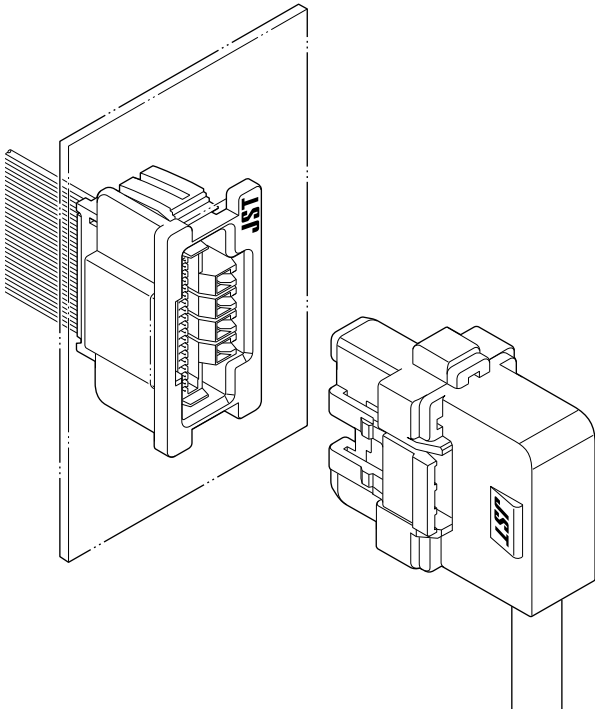


# OTZ CONNECTOR

Disconnectable Crimp style Wire-to-wire connectors



Hybrid type I/O connector with combined signal and power supply circuits.

- Curtailment of number of component
- Space saving
- Lever lock function

## Specifications

- Current rating: Signal circuit; 1 A AC/DC (AWG #26)  
Power supply circuit; 5 A AC/DC (AWG #20)
- Voltage rating: Signal circuit; 50 V AC/DC  
Power supply circuit; 300 V AC/DC
- Temperature range: -25°C to +85°C  
(including temperature rise in applying electrical current)
- Applicable wire: Signal circuit/ AWG #28 to #26  
Power supply circuit/ AWG #26 to #20
- Number of circuits: Signal circuit/ 16 circuits  
Power supply circuit/ 4 circuits

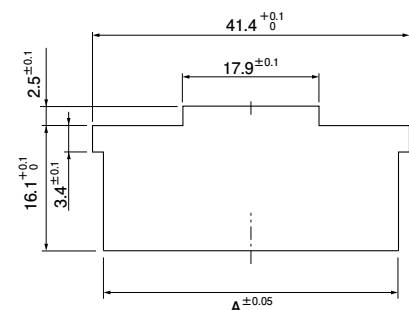
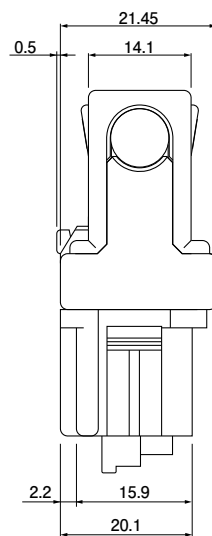
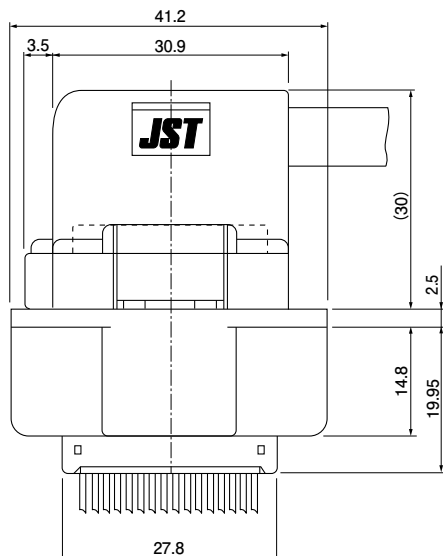
\* In using the products, refer to "Handling Precautions for Terminals and Connectors" described on our website (Technical documents of Product information page).

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

## Standards

- Ⓜ Recognized E60389
- Ⓢ Certified LR20812

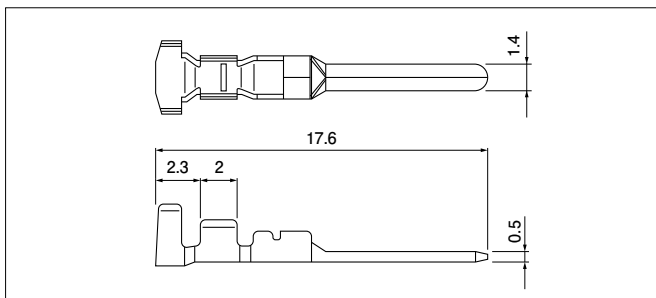
## Assembly layout and Panel layout



Panel thickness	t 1.2	t 1.6	t 2
A dimension	38.4	38.6	

- Note: 1. Punch holes in the panel according to the figures shown above. Burrs must be removed.  
2. The strength of the panel must be considered when punching two or more holes.  
3. The connector must be inserted from the same side as the hole is punched.

## Plug contact for power supply circuit



Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty/reel
	mm <sup>2</sup>	AWG #		
SSM-01GD-P1.4	0.13~0.5	26~20	1.3~2.5	6,000

### Material and Finish

Copper alloy, nickel-undercoated, Mating part; gold-plated  
Crimping part; tin-plated (reflow treatment)

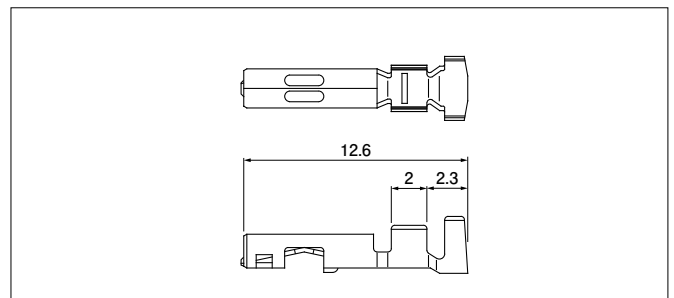
### RoHS2 compliance

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

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SSM-01GD-P1.4	AP-K2N	MKS-L	MK/SSF/M-01-14	APLMK SSF/M01-14

Note: Contact JST for fully automatic crimping applicator.

## Receptacle contact for power supply circuit



Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty/reel
	mm <sup>2</sup>	AWG #		
SSF-01GW-P1.4	0.13~0.5	26~20	1.3~2.5	6,000

### Material and Finish

Copper alloy, nickel-undercoated, overall gold-plated

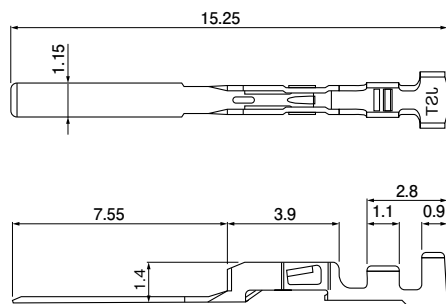
### RoHS2 compliance

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SSF-01GW-P1.4	AP-K2N	MKS-L	MK/SSF/M-01-14	APLMK SSF/M01-14

Note: Contact JST for fully automatic crimping applicator.

## Plug

### Plug contact for signal



Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty/reel
	mm <sup>2</sup>	AWG #		
SOTZP-002GG-P0.18	0.08~0.13	28 · 26	0.7~0.93	13,000

### Material and Finish

Copper alloy, nickel-undercoated, Mating part; gold-plated  
Crimping part; tin-plated (reflow treatment)

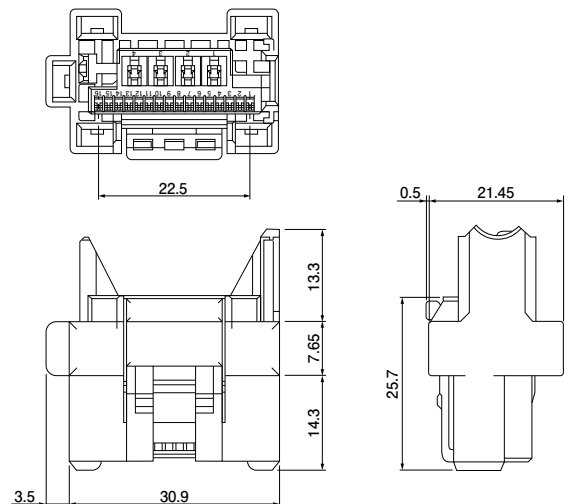
### RoHS2 compliance

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

Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SOTZP-002GG-P0.18	AP-K2N	MKS-L	MK/SOTZP-002-018	APLMK SOTZP002-018

Note: Contact JST for fully automatic crimping applicator.

### Signal 16 circuits / Power supply 4 circuits



Model No.	Q'ty/box
OTZP-16-H-P4	100

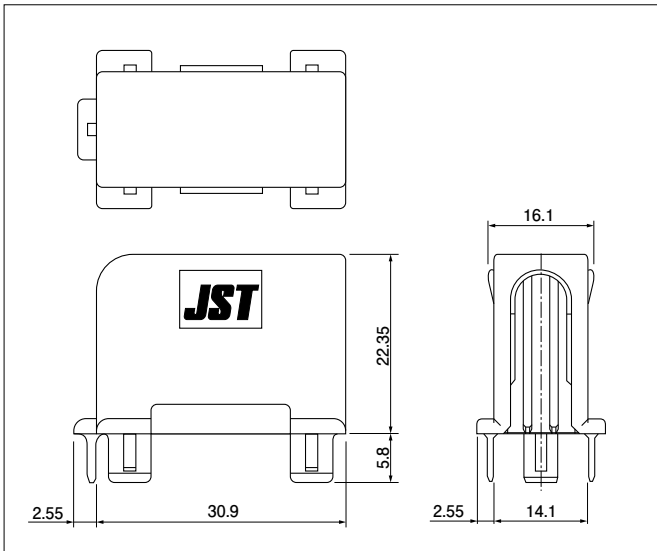
### Material and Finish

PBT, UL94V-0, gray

### RoHS2 compliance

# OTZ CONNECTOR

## Plug cover



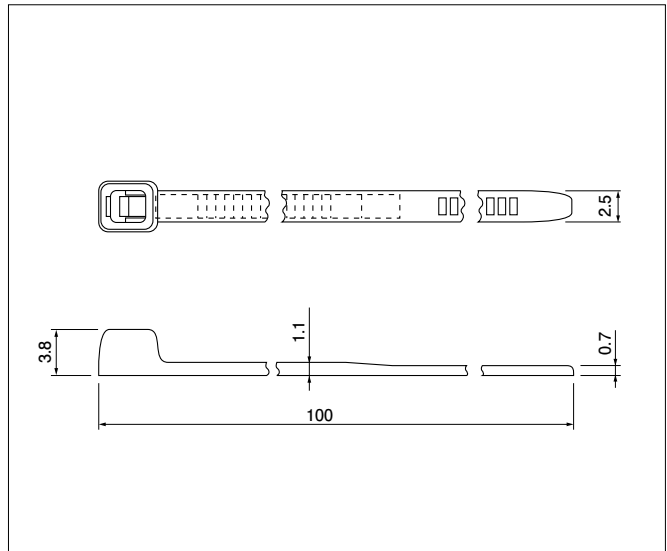
Model No.	Q'ty/box
OTZC-16-H-P4	200

### Material and Finish

PBT, UL94V-0, gray

RoHS2 compliance

## Tie lock



Model No.	Q'ty/box
KB-100-1	1,000

### Material and Finish

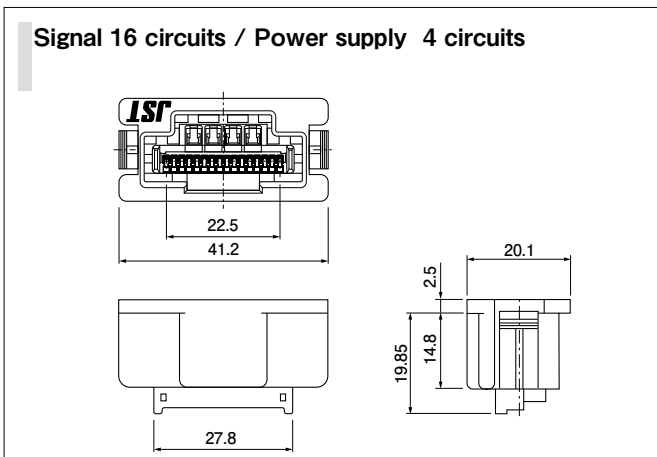
PA 66, natural

RoHS2 compliance

Note: Unlisted in UL/CSA.

## Receptacle

### Signal 16 circuits / Power supply 4 circuits



Model No.	Q'ty/box
16R-OTZ-H4GG-P4RL	40

### Material and Finish

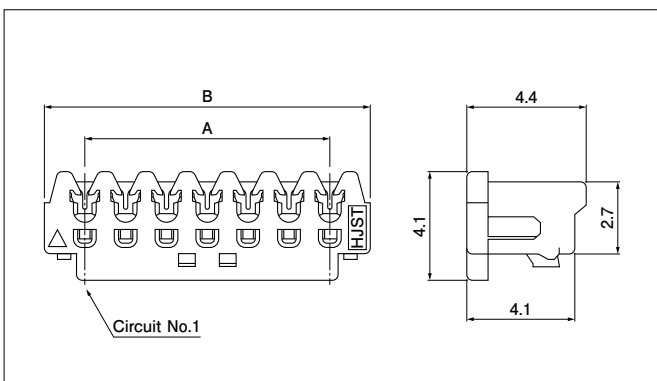
Housing: PBT, UL94V-0, gray

Contact: Copper alloy, nickel-undercoated, selective gold-plated, tin-plated (reflow treatment)

RoHS2 compliance

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

## CZ connector Socket



No. of circuits	Model No.		Dimensions (mm)		Q'ty/box
	Gray	Yellow	A	B	
16	16CZ-6H	16CZ-6Y	22.5	25.5	1,000

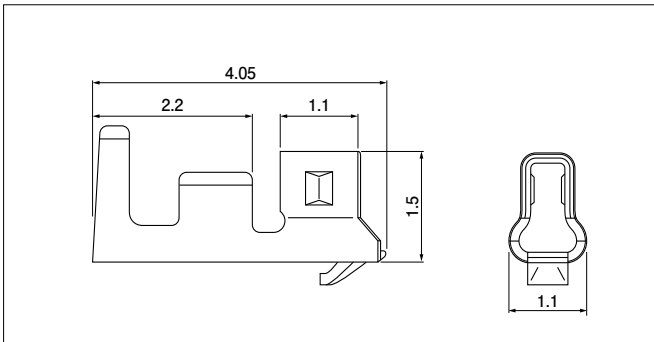
### Material and Finish

Contact: Copper alloy, tin-plated (reflow treatment)

Housing: Glass-filled PA 66, UL94V-0

RoHS2 compliance

## CZH connector Contact



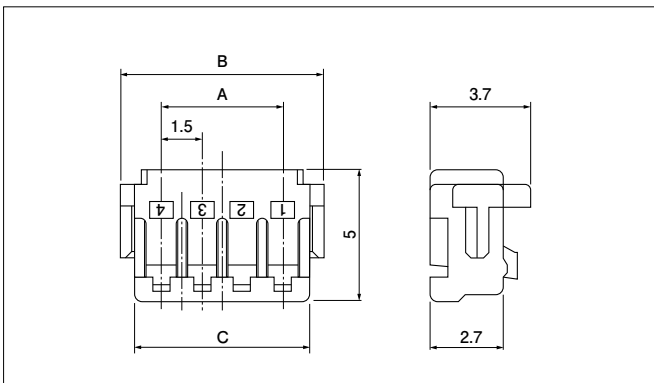
Model No.	Applicable wire		Insulation O.D. (mm)	Q'ty/reel
	mm <sup>2</sup>	AWG #		
SCZH-002T-P0.5	0.08~0.13	28~26	0.8~1.1	13,000

### Material and Finish

Copper alloy, tin-plated (reflow treatment)

RoHS2 compliance

## CZH connector Housing



No. of circuits	Model No.	Dimensions (mm)			Q'ty/box
		A	B	C	
16	CZHR-16V-S	22.5	25.5	24.5	1,000

### Material and Finish

PBT, UL94V-0, natural (white)

RoHS2 compliance