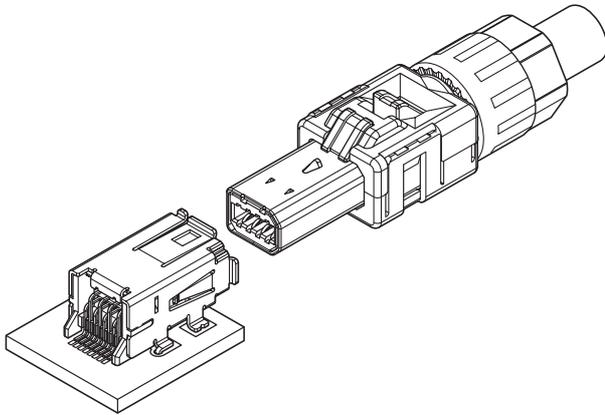


# CIF CONNECTOR

1.27mm pitch/For Interface



**This connector is an interface connector with shielding where equipped the function to locking.**

• **Header: SMT/Dipping type Small Header**

• **Plug**

**Cable type: No need of dedicated tool, Easy assembling method**

**Bypass connecting: Simplified plug with bypass circuit**

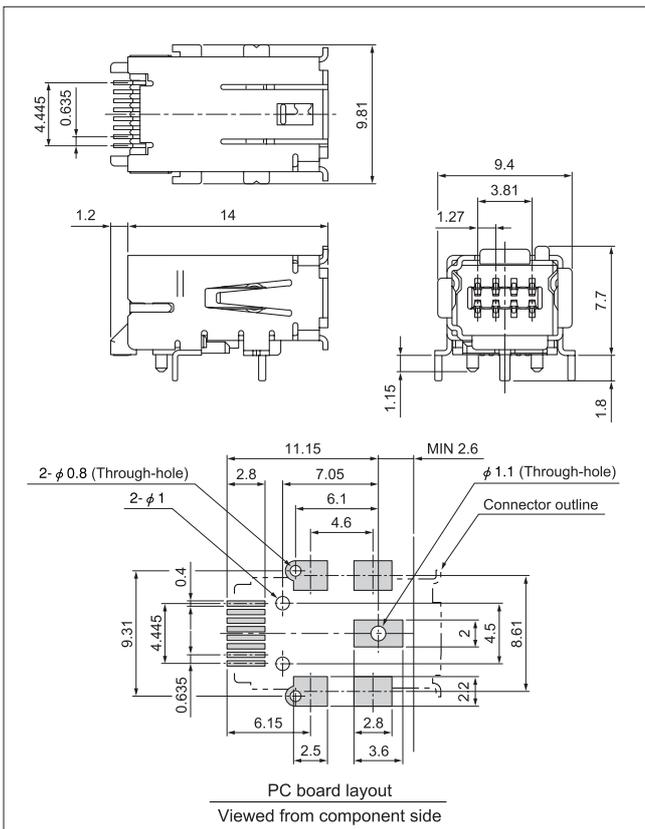
• **Keying: Corresponding to the mis-insertion prevention.**

**Provide the 2 types keying.**

## Specifications

- Current rating: 0.5 A AC, DC
- Voltage rating: 30 V AC, DC
- Temperature range: -40°C to +70°C  
(including temperature rise in applying electrical current)
- Contact resistance: Cable type  
Initial value/ 40 mΩ max.  
After environmental tests/ 50 mΩ max.
- Insulation resistance: Initial/ 500 MΩ min.
- Withstanding voltage: Initial/ 250 VAC/minute
- Applicable wire: AWG #30 to #24  
Conductor insulation O.D./1.27 mm max.  
Cable O.D./6.0 mm (Reference value)
- Applicable PC board thickness: 1.6 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.

## Header



Circuits	Keying	Model No.	Q'ty/reel
8	Type-1	<b>CIF-HS08SK-071-TB</b>	440
	Type-2	<b>CIF-HS08SS-072-TB</b>	440

### Material and Finish

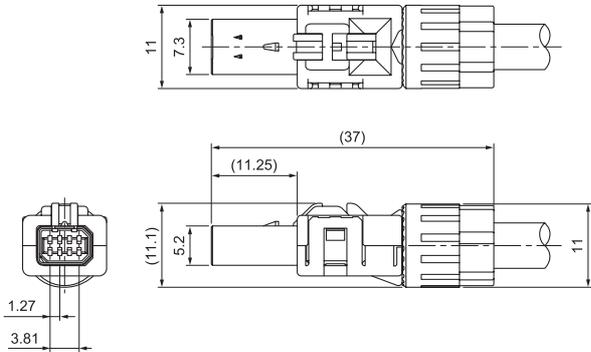
Contact: Copper alloy, nickel-undercoated, selective gold-plated  
Housing: Thermoplastic resin, UL94V-0, black (Type-1), natural/white (Type-2)  
Metal shell: Copper alloy, nickel-undercoated, tin-plated

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

# CIF CONNECTOR

## Plug (Cable type)

### Assembly layout (Reference)



Circuits	Keying	Model No.	Q'ty/box
8	Type-1	<b>CIF-PCNS08KK-071R</b>	24
	Type-2	<b>CIF-PCNS08KK-072R</b>	24

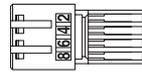
#### Material and Finish

Contact: Copper alloy, nickel-undercoated, selective gold-plated  
Housing: Thermoplastic resin, UL94V-0, black  
Housing cover: Thermoplastic resin, UL94V-0, black  
Top shell/Bottom shell: Copper alloy, nickel-plated  
Top cover/Bottom cover: Thermoplastic resin, UL94V-0, black  
Clamp nut: Thermoplastic resin, UL94V-0, black  
Lever for releasing lock: Thermoplastic resin, UL94V-0, black

RoHS compliance

### KIT Parts

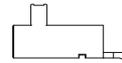
Housing Ass'y



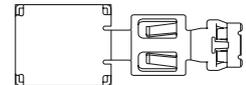
Top shell



Housing cover  
(2 pcs.)



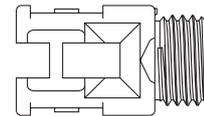
Bottom shell



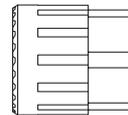
Lever for releasing lock



Top cover



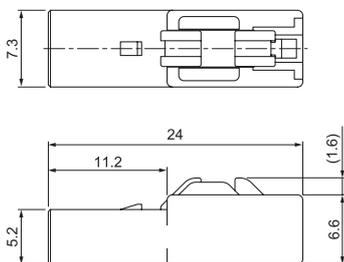
Clamp nut



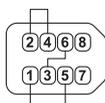
Bottom cover



## Plug (Bypass type)



Bypass circuit



Short-circuit

Circuit No.1-5
Circuit No.2-4
Circuit No.3-6

Circuits	Keying	Model No.	Q'ty/box
8	Type-1	<b>CIF-PB08AK-GF1R</b>	630

#### Material and Finish

Contact: Copper alloy, nickel-undercoated, selective gold-plated  
Housing: Thermoplastic resin, UL94V-0, black  
Lever for releasing lock: Thermoplastic resin, UL94V-0, black

RoHS compliance