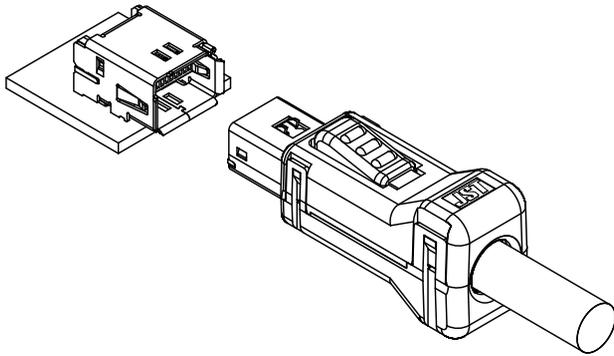




# MUF CONNECTOR

0.8 mm pitch / For Interface



This connector is the shielded interface connector with locking mechanism.

- Plug side: Easy assembling method
- Receptacle side:  
The miniaturization is realized.  
DIP and SMT types are available.

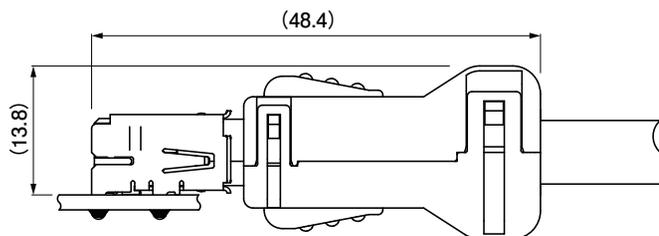
## Standards

Ⓜ: Recognized E 60389

## Specifications

- Current rating: 1.0 A AC/DC
  - Voltage rating: 30 V AC/DC
  - Temperature range:  $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$   
(including temperature rise in applying electrical current)
  - Applicable wire: AWG#28 to #24  
Conductor insulation O.D./ 1.2 mm max.  
Cable O.D./ 6.8 mm max.
  - Applicable PC board thickness: 1.6 mm
- \* Please note that the above general specifications may differ from the safety standards.  
\* 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.

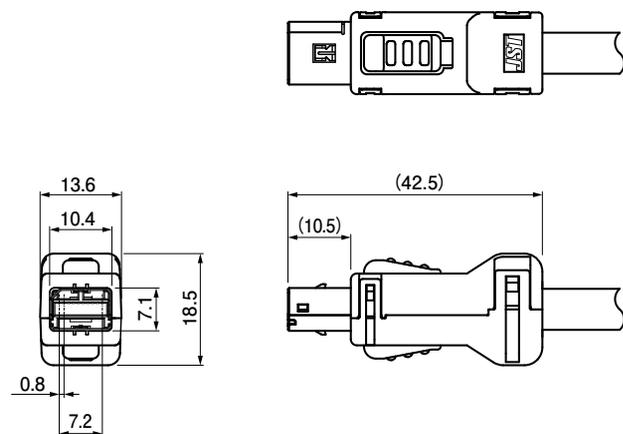
## Assembly layout



Assembly layout of the DIP type and SMT type is the same.

## Plug

### Assembly layout ( Reference )



No. of circuits	Keying	Model number	Q'ty/box
10	X	MUF-PK10K-X	45

### Material and Finish

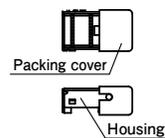
Contact : Copper alloy, nickel-undercoated, selective gold-plated  
Housing : Thermoplastic resin, UL94V-0, black  
Metal shell A, B : Metal shell / Copper alloy, nickel-undercoated, tin-plated  
Plug lock : Stainless  
Cover housing A, B : Thermoplastic resin, UL94V-0, black  
Cable clamp : Steel, nickel-undercoated, tin-plated  
Screw : Steel, copper-undercoated, nickel-plated

RoHS2 compliance

### Kit parts

#### Housing

(with packing cover)



Cable clamp

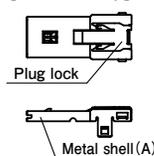


Screw (2 pcs.)

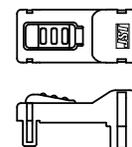


#### Metal shell (A)

[Lock Ass'y]

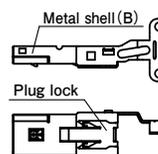


Cover housing (B)

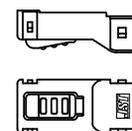


#### Metal shell (B)

[Lock Ass'y]

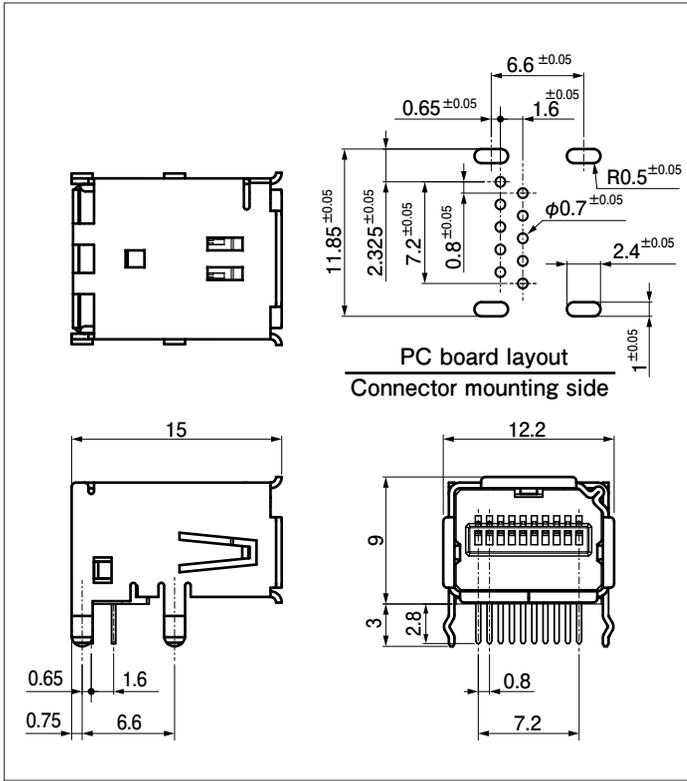


Cover housing (A)



# MUF CONNECTOR

## Receptacle (DIP type)



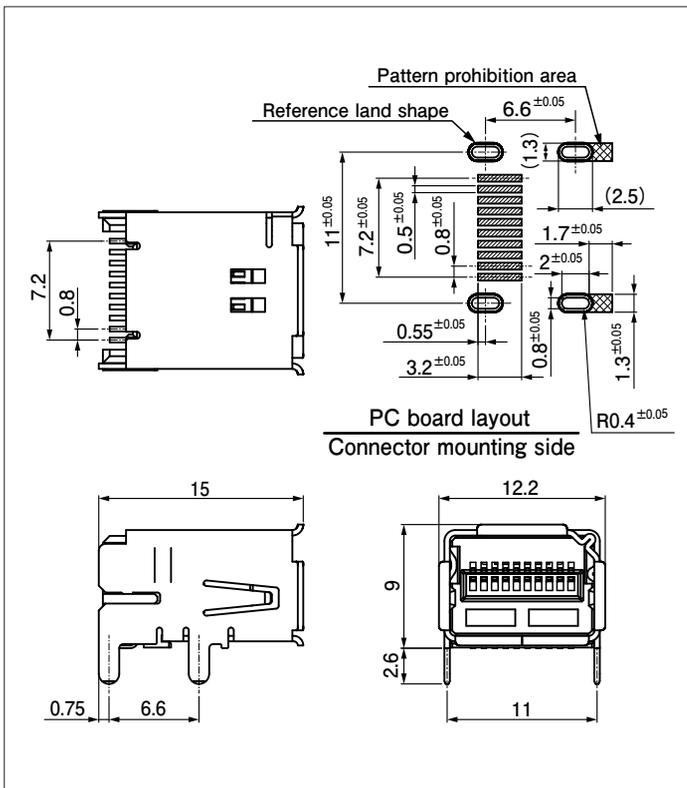
No. of circuits	Keying	Model No.	Q'ty/box
10	X	MUF-RS10DK-GKXR	105

### Material and Finish

Contact : Copper alloy, nickel-undercoated, selective gold-plated  
Housing : Thermoplastic resin, UL94V-0, black  
Metal shell : Copper alloy, nickel-undercoated, tin-plated

RoHS2 compliance

## Receptacle (SMT type)



No. of circuits	Keying	Model No.	Q'ty/reel
10	X	MUF-RS10SK-GKX-TB	440

### Material and Finish

Contact : Copper alloy, nickel-undercoated, selective gold-plated  
Housing : Thermoplastic resin, UL94V-0, black  
Metal shell : Copper alloy, nickel-undercoated, tin-plated

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