

## Socket Pins (louver type)

- Louver has reliable structure with beryllium copper heat treated.
- Because of multi position contacting, our products have low contact resistance and high current rating.
- High mating/unmating durability.
- We welcome your custom products.

### Typical Specification

Temperature range: -55°C~+150°C

(with gold plated Louver)

Louwer: Beryllium Copper, Heat treated

Gold Plating over Nickel plating

Silver Plating over Nickel plating

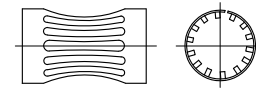
Sleeve, Futa: Brass, Gold Plating over Nickel plating

Silver Plating over Nickel plating



Major factors of socket pin are as follows.

- Plug shape, dia, tolerance
- Plug length and contact point
- Number of poles
- Current rating
- Insertion and withdrawal force  
Strong or soft
- Estimated insertion/withdrawal cycle
- Outer shape
- Plating

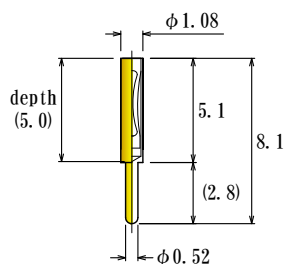


### Note

1. Insert a proper diameter size plug pin.  
If you insert bigger diameter plug pin, the internal socket louver may be damaged, and never return to the original shape. In case this, the mating and unmating force already has changed to smaller value.
2. When socket pins are assembled to insulator, a entrance guide for plug pin is effective to protect socket louver.

[mm]

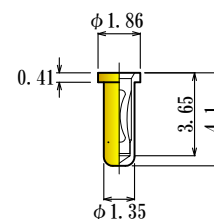
### Acceptable Plug $\phi 0.40$



**UJUS040-F108-L81**

(LV44/3-F045)

### Acceptable Plug $\phi 0.45$



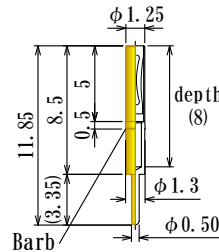
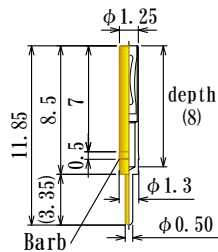
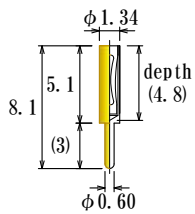
**UJUS045-F185-L41**

(LV33/3-F05)

## Socket Pins (Louver Type)

[mm]

Acceptable Plug  $\phi 0.50 \sim \phi 0.45 / 0.0196'' \sim 0.0177''$



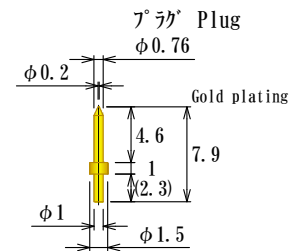
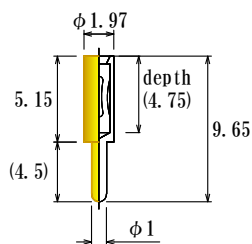
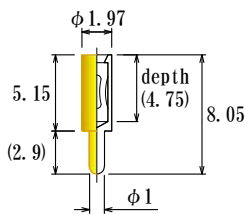
**UJUS045-F134-L81**

**UJUS045-L120**

**UJUS045-L120-A**

(LV45/3)

Acceptable Plug  $\phi 0.76, \phi 0.60 / 0.0299'', 0.0236''$



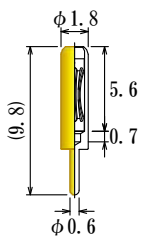
**UJUS76A-82L-KBKH**

**UJUS76A-98L-KBKH**

(LV4L/5KB)

**PD-Q76-79LG**

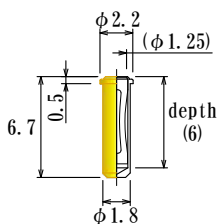
Acceptable Plug  $\phi 0.94 \sim \phi 0.76 / 0.0370'' \sim 0.0299''$



**UJUS60-L98**

(LV46L48)

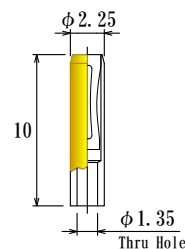
Acceptable Plug  $\phi 0.90 / 0.0354''$



**UJ09-67GG**

(LV056/3)

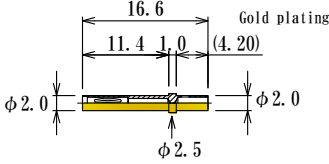
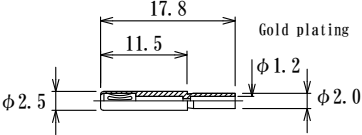

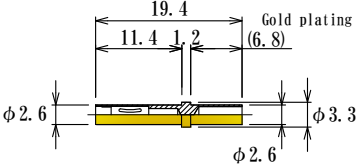
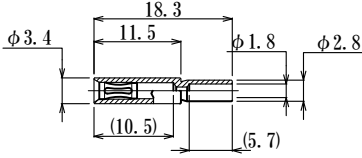

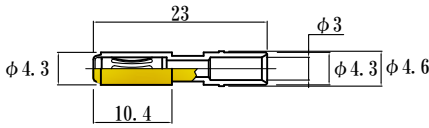
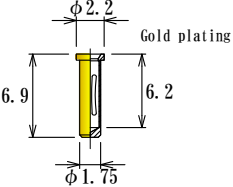
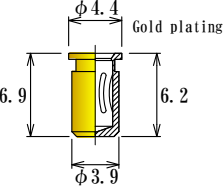
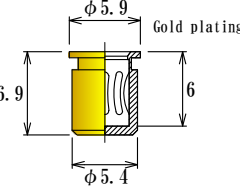
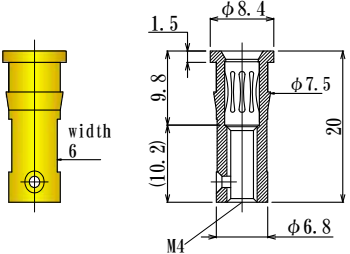
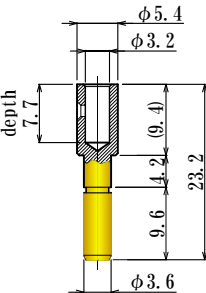

Acceptable Plug  $\phi 1.0 \sim \phi 1.23 / 0.0394'' \sim 0.0484''$



**UJUS10-LV62-L100**

(LV62/4)

## Socket Pins (louver type)

<p>Acceptable Plug <math>\phi 1.0</math></p>  <p><b>UJUS10-166LG</b></p>	<p>Acceptable Plug <math>\phi 1.0</math></p>  <p>Crimp size : AWG#20 <b>JMD-TK-201 (Y)</b></p> 		
<p>Acceptable Plug <math>\phi 1.5</math></p>  <p><b>UJUS15-194LG</b></p>	<p>Acceptable Plug <math>\phi 1.5</math></p>  <p>Crimp size : AWG#16 <b>JMD52-04-05 (Y)</b></p>  <p>(LV5/6-F15)</p>		
<p>Acceptable plug <math>\phi 2.0</math></p>  <p><b>UJC20-23LSV-CR</b></p> <p>(LV8/7-F2)</p>			
<p>Acceptable plug <math>\phi 1.0</math></p>  <p><b>UJMS-10T69/3</b></p>	<p>Acceptable plug <math>\phi 2.5</math></p>  <p><b>UJMS-248T69/3</b></p>	<p>Acceptable plug <math>\phi 3.46</math></p>  <p><b>UJMS-346T69/3</b></p>	
<p>Acceptable plug <math>\phi 3.6</math></p>  <p><b>UJUS-NHV-SKT-F36M4-L200</b></p> <p>(NHV High Voltage Connector (page 15N1), LV88-F4)</p>		<p>Plug Pin <math>\phi 3.6</math></p>  <p><b>N-HV-PLG-F36-L232</b></p> 	

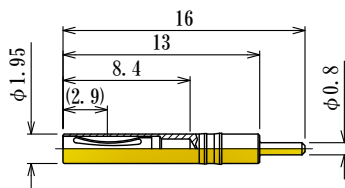
## Socket Pins (louver type) PCB press-fitting type, Cable soldering type

- High Current Socket Pin can be soldered to PCB or cable.
- Can be used with press-fitting into a hole of insulator.
- We welcome your custom design products.
- Gold plating over Ni (Standard Product)



Acceptable cable :  $\phi 1.0$  Current Rating : 8A at 25°C

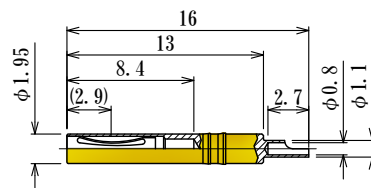
PCB press-fitting type



**UJUS10-L160-LV583-PIN**

PCB hole size :  $\phi 0.9 \pm 0.05$  (Reference)

Cable soldering type



**UJUS10-L160-LV583-SD**

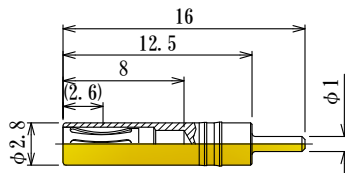
Appropriate Wire : AWG#22 0.3mm<sup>2</sup> (Reference)

(LV58/3)

Acceptable cable :  $\phi 1.5$  Current Rating : 12A at 25°C

基板実装用

PCB press-fitting type

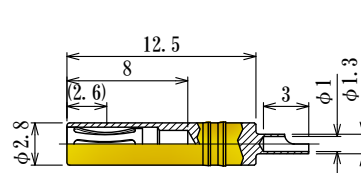


**UJUS15-L160-LVS56-PIN**

PCB hole size :  $\phi 1.1 \pm 0.05$  (Reference)

ケーブルハンダ付用

Cable soldering type

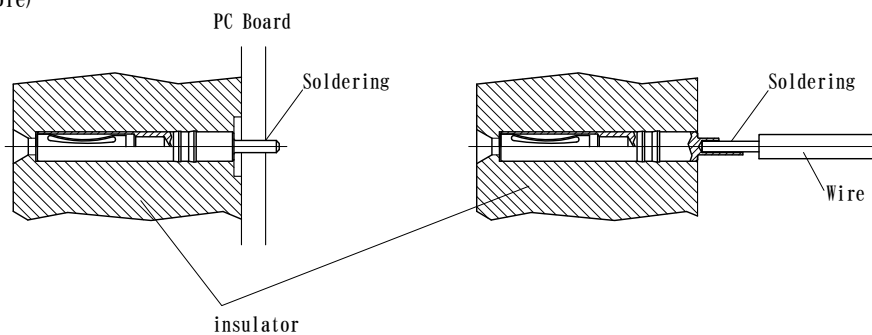


**UJUS15-L160-LVS56-SD**

Appropriate Wire : AWG#20 0.5mm<sup>2</sup> (Reference)

(LVS5/6)

How to use  
example)



We accept special orders of insulator design and manufacturing.