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# SMT PLUNGER

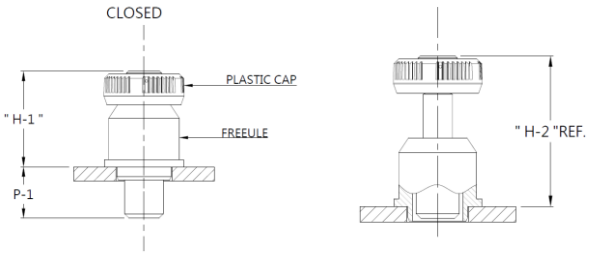
- Effcient performance in assembly, decomposition, and repair
- Fast installation and removal for sliding module.
- Color management for plastic is available as required by customers.
- Reduce damage risk of circuit caused during assembing.

## 59 SERIES SMT ø9mm Patented.

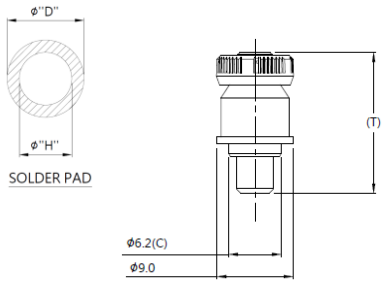
### Material and Finish

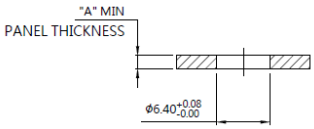
**Cap :**
Carbon Steel, Zinc Finish, Plastic
**Pin :**
300 Series Stainless Steel, Natural Finish.
**Spring :**
300 Series Stainless Steel, Natural Finish.
**Ferrule :**
Carbon Steel, Tin Finish.

### Projection



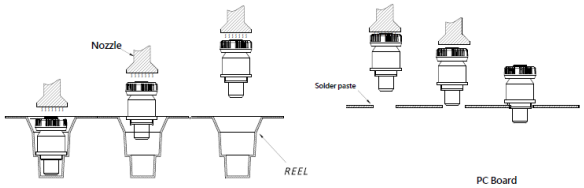

### Installation Style



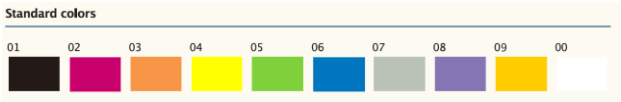




PANEL PREPARATION

### SMT Installation




### Knob Color Options




### Dimensions

| PIN LENGTH "T" | OUTER PANEL DIMENSIONS | | P | | H-1 CLOSED | H-2 OPEN | Ø "H" HOLE SIZE IN SHEET | Ø "D" MIN SOLDER PAD |
|---|---|---|---|---|---|---|---|---|
| | A MIN | A MAX | P1 | P2 | | | | |
| 16.2 | 1.6 | - | 5.05 | 0 | 11.15 | 15.15 | 6.4 | 10.2 |
| 16.6 | 1.6 | - | 5.8 | 0 | 10.8 | 15.35 | 6.4 | 10.2 |
| 21.6 | 1.6 | - | 7.45 | 0 | 14.15 | 20.65 | 6.4 | 10.2 |

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# PLUNGER

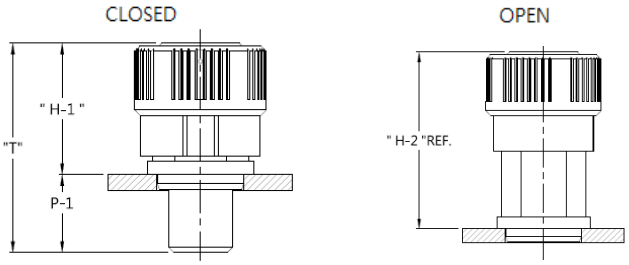
- Effcient performance in assembly, decomposition, and repair.
- Fast installation and removal for sliding module.
- Color management for plastic is available as required by customers.
- Reduce damage risk of circuit caused during assembing.

## 59 SERIES SMT POSITIONING PLUNGER Ø13mm Patented.

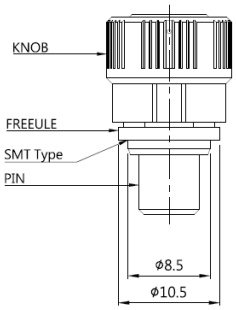
### Material and Finish

**Knob :**
Carbon Steel, Zinc Finish, Plastic.
**Pin :**
300 Series Stainless Steel, Natural Finish.
**Spring :**
300 Series Stainless Steel, Natural Finish.
**Ferrule :**
Carbon Steel, Tin Finish.

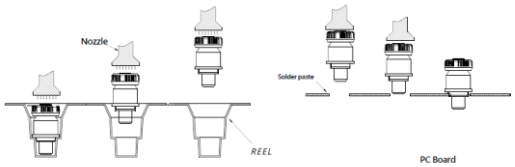
### Projection

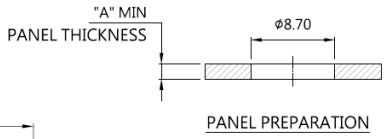


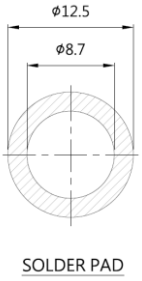

### Installation Style



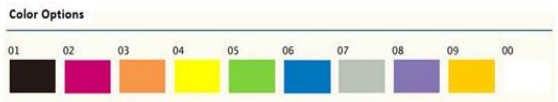

### SMT Installation




### Knob Color Options




### Dimensions(mm)

| PANEL THICKNESS | | T | P-1 | H-1 CLOSED | H-2 OPEN |
|---|---|---|---|---|---|
| A MIN | A MAX | | | | |
| 1.6 | - | 20.7 | 7.7 | 13.0 | 19.9 |

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# PLUNGER

- Low profile design for hand operation.
- Efficient performance in assembly, decomposition, and repair.
- Fast installation and removal for sliding module.
- Color management for plastic is available as required by customers.

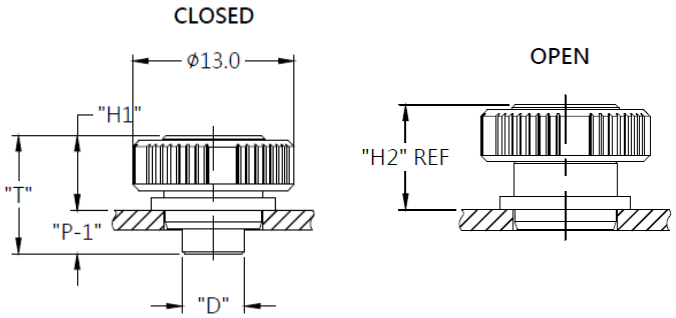
## 59 SERIES SMT LOW PROFILE NON-POSITIONING PLUNGER ø13mm Patented.

### Material and Finish

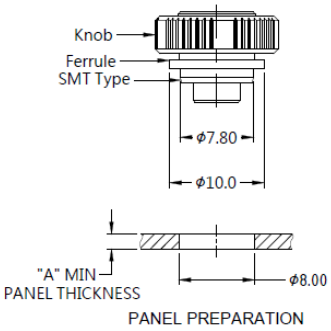
**Wrench :**
Plastic.
**Pin :**
300 Series Stainless Steel, Natural Finish.
**Spring :**
300 Series Stainless Steel, Natural Finish.
**Ferrule :**
Carbon Steel, TIN Finish.

### REEL

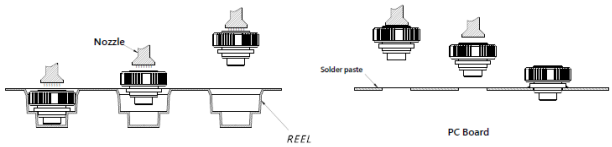
## Projection

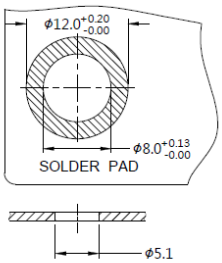



## Installation Style

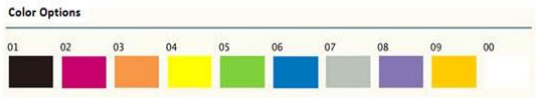



## Installation




## Knob Color Options




## Dimensions(mm)

| PANEL THICKNESS | | T | P-1 | H-1 CLOES | H-2 OPEN | D |
|---|---|---|---|---|---|---|
| A MIN | A MAX | | | | | |
| 1.6 | - | 9.5 | 3.5 | 6.0 | 8.1 | 5.0 |

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# SMT PLUNGER

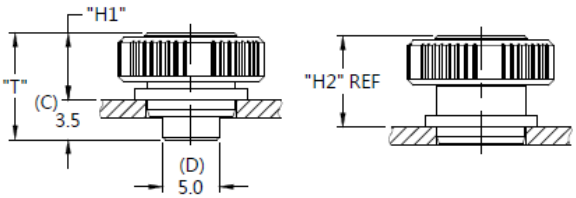
- Efficient performance in assembly, decomposition, and repair
- Fast installation and removal for sliding module.
- SMT Reduce damage risk of circuit caused during assembing
- Low profile design is well fixed in any limit access of gap space

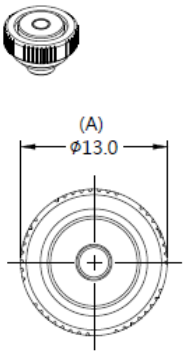
## 57 SERIES SMT Low Profile Plunger Patented.

### Material and Finish

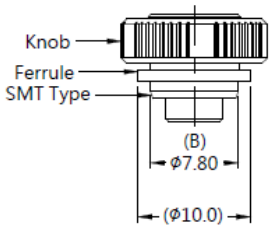
**Knob :**
Carbon Steel, Zinc Finish, Plastic.
**Pin :**
300 Series Stainless Steel, Natural Finish.
**Spring :**
300 Series Stainless Steel, Natural Finish.
**Ferrule :**
Carbon Steel, Tin Finish.

## Projection

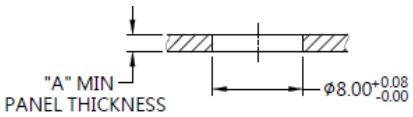


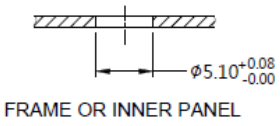



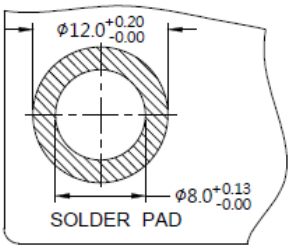

## Installation Style



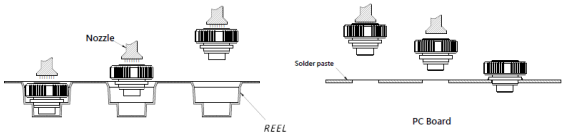

## Panel Preparation




## SMT Pick & Place





## Dimensions(mm)

| SCREW LENGTH "T" | SCREW PROJECTION | | PANEL THICKNESS | | DIMENSINOS | |
|---|---|---|---|---|---|---|
| | "H1" | "H2" | "A" MIN | "A" MAX | " L " | " B " |
| 9.0 | 6.0 | 8.1 | 1.0 | ~ | | |

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# PLUNGER

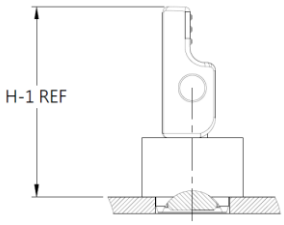
- Efficient performance in assembly, decomposition, and repair.
- Hand pull knob handle 90◦ to complete the assembly/disassembly.
- Color management for plastic is available as required by customers.
- SMT reduce damage risk of circuit caused during assembling.

## SMT MINI LATCH PLUNGER Patented.

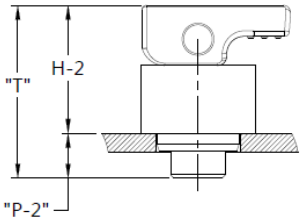
### Material and Finish

**Wrench：**
Plastic.
**Rivet：**
300 Series Stainless Steel, Natural Finish.
**Pin：**
300 Series Stainless Steel, Natural Finish.
**Spring：**
300 Series Stainless Steel, Natural Finish.
**Ferrule：**
Carbon Steel, Tin Finish.

### Projection

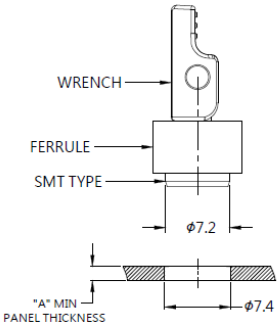



UNFASTENED



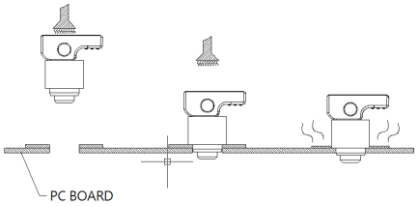

FASTENED

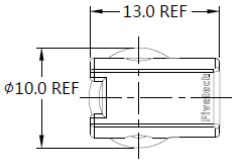
### Installation Style

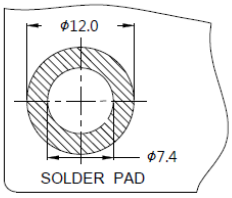



PANEL PREPARATION

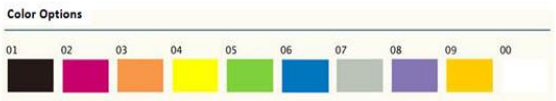
### SMT Installation




### Knob Color Options




### Dimensions(mm)

| PANEL THICKNESS | | T | P-2 | H-1 UNFASTENED | H-2 FASTENED |
|---|---|---|---|---|---|
| A MIN | A MAX | | | | |
| 1.6 | - | 15.0 | 3.9 | 18.9 | 11.1 |

## MINI HEAD LOCK

- Tool less, quick assembling, efficient in performance.
- Forms one-piece with main structure.
- Hand pull could achieve the position and unleash could rebound.
- SMT fully automated manufacturing process can increase production stability and production efficiency.

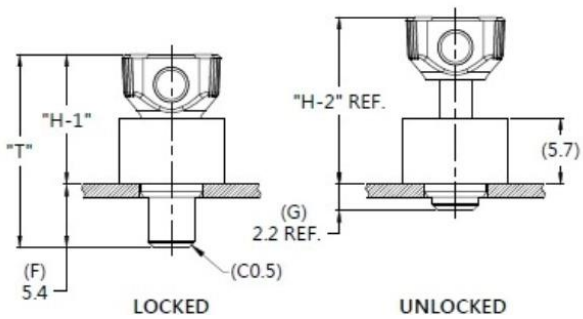
# Mini head Lock (SMT Type) Patented.

### Material and Finish

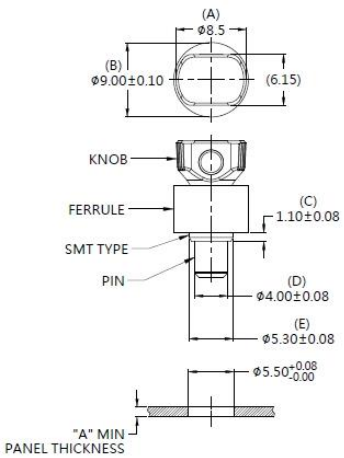
Knob:
Plastic
**Pin :**
300 Series Stainless Steel, Natural Finish.
**Spring :**
300 Series Stainless Steel, Natural Finish.
**Rivet:**
300 Series Stainless Steel, Natural Finish.
**Ferrule :**
Carbon Steel, Tin Finish.

### Reel

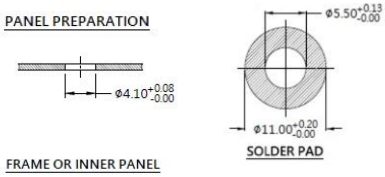
## Knob High and Screw Projection




## Installation Style




## Knob Color Options


## Dimensions (mm)

| P/N | LENGTH "T" | PROJECTION | | PANEL THICKNESS | |
|---|---|---|---|---|---|
| | | H-1 | H-2 | "A" MIN | "A" MAX |
| 59-522-165-01-5 | 16.5 | 11.1 | 14.3 | 1.2 | ~ |

## SMT SERIES

- Position / non-position in one second
- Intuitive operation, just flip it with your finger
- Color management for plastic is available
- SMT fully automated manufacturing process can increase production stability and production efficiency

# SMT LATCH LOCK Patented.

## Material and Finish

**Wrench :**
Plastic

**Rivet :**
300 Series Stainless Steel, Natural Finish

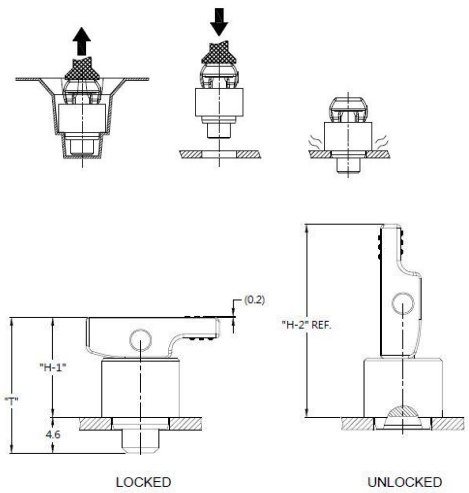
**Pin :**
300 Series Stainless Steel, Natural Finish

**Spring :**
300 Series Stainless Steel, Natural Finish

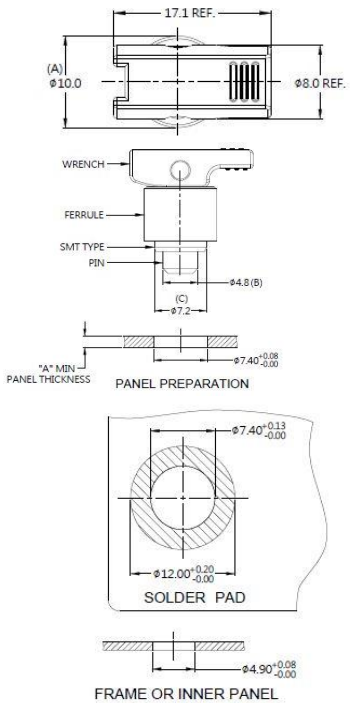
**Ferrule :**
Carbon Steel, Tin Finish

### Reel

## Installation




## Panel Preparation




## Color Options


## Dimensions (mm)

| LENGTH "T" | PROJECTION | | PANEL THICKNESS | | DIMENSINOS | |
|---|---|---|---|---|---|---|
| | "H-1" | "H-2" | "A" MIN | "A" MAX | " L " | " B " |
| 17.3 | 12.7 | 24.6 | 1.6 | ~ | | |