

- Portable Electronic Products ( Notebook, MP3, DSC, GPS, TV Game Peripherals...)
- Telecommunication Products ( Cell phone, Two-Way Radio, Blue tooth...)
- Automotive ( Car Stereo...)
- Medical Device (Hearing aids, Camera Pills, Surgical Instruments, Blood Analyzer...)
- Aerospace/Military Products

### F Flat Type 平底式

PAGE: F01~F41



穩定性好，針管底部為平底設計，易於與PCB板焊接

Stable quality. The bottom of barrel is designed as flat shape, easy to be mounted on PCB.

### P Plug-in Type 插件式

PAGE: P01~P16

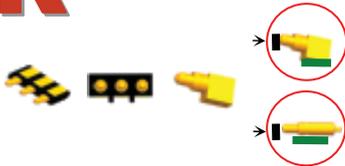


針軸尾部帶有定位針，與PCB板焊接時，不會發生偏移現象，定位效果佳。

With positioning pin on the bottom of barrel. Hard to shift after mounted on PCB. Good performance on positioning.

### R Right-Angle Type 側放式

PAGE: R01~R05



側放式的設計大大減少產品的厚度。適用於當前超薄產品的電池連接部份。定位柱的設計更利於產品精確定位。

"Right-angle" design helps designer to narrow the space. Usually applied for the battery connector of super-thin electronic products. The design of housing positioning pin is good for precise position.

### M Multiple Type 複合式

PAGE: M01~M01



結合彈片及探針的設計，提供設計人員更有彈性的空間設計

"Bent metal plus pogo pin" offers engineers to have flexible design on space adjustment.

### B Bending Type 折彎式

PAGE: B01~B02



針軸尾部折彎，提供設計人員在空間的利用上更多選擇

"Bending tail of barrel" offers engineers to have more choices on space adjustment.

### D Double-Ended Pin 雙頭針

PAGE: D01~D01



雙頭雙動的設計，讓工程師在板對板雙向連結有更多的空間彈性

Double-ended design offers engineers to have more choices of flexible space adjustment on board-to-board connection.

### S Special Spec 特殊規格

PAGE: S01~S03



特殊規格的產品可滿足客戶不同的需求，同時將根據客戶的需求進行定制

Except the standard specification, we also provide the customization service for customers special needs in pogo pin connector field.

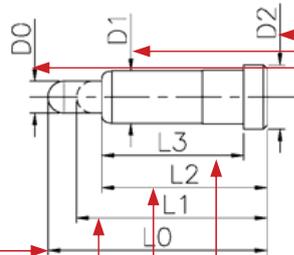
## F Flat Type 平底式

連接器樣式代號  
Symbol of Style



**樣式說明**  
Type Introduction

此系列之針軸底部為平底設計，易於與PCB板焊接。其針軸底部之平底設計，使針軸易於與PCB板焊接。



**基本規格說明**  
Basic Spec Introduction

NOTE :

- Materials
  - Plunger : Brass 3604/BeCu/SK4
  - Barrel : Brass 3604/BeCu/PHBZ
  - Spring : SUS304/SWP/PHBZ
- Plating
  - Contact Surface : 10μm minimum Au over 50-100μNi
- Electrical
  - Rated Current & Voltage : DC 12 V ; 1 A
  - Contact Resistance : 50 mΩ maximum at Working Height.

總長 Total Length L0	工作高度 Working Height L1	彈力 (g) Spring Force±20%	管長 Barrel Length L2	管身長 Length L3	針頭外徑 Plunger Diameter D0	管身外徑 Barrel Diameter D1	底座外徑 Bottom Diameter D2
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## P Plug-in Type 插件式

連接器樣式代號  
Symbol of Style

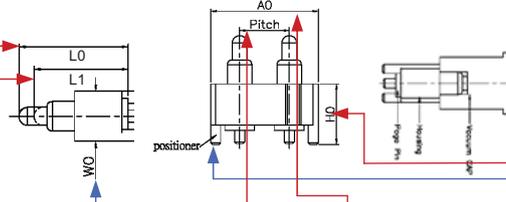


**樣式說明**  
Type Introduction

針軸尾部帶有定位針，與PCB板焊接時，不會發生偏移現象，定位效果佳。

With a positioner in the bottom of barrel. Hard to be mounted on PCB. Good performance on positioning.

多針圖式(含膠芯)



**基本規格說明**  
Basic Spec Introduction

NOTE :

- Material
  - Housing&CAP : Black PA9T/HTN/LCP/PBT+GF30% (UL94V-0)
  - Plunger : Brass 3604/BeCu/SK4
  - Barrel : Brass 3604/BeCu/PHBZ
  - Spring : SUS304/SWP/PHBZ
- Plating
  - Contact Surface : 10μm minimum Au over 50-100μNi
- Electrical
  - Rated Current & Voltage : DC 12 V ; 1 A
  - Contact Resistance : 50 mΩ maximum at Working Height.

總長 Total Length L0	工作高度 Working Height L1	彈力(g) Spring Force±20%	Pin	間距 Pitch	膠芯長 Housing Length A0	膠芯寬 Housing Width W0	膠芯高 Housing Height H0	定位柱 Positioner	膠蓋 Cap
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### F Flat Type 平底式

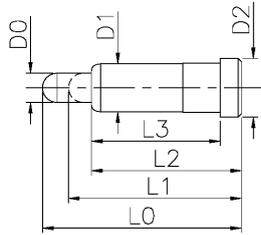


穩定性好，針管底部為平底設計，易於與PCB板焊接

Stable quality. The bottom of barrel is designed as flat shape, easy to be mounted on PCB.

#### 單針 Single Pin

單位 (Unit: mm)



#### NOTE :

##### 1.Materials

.Plunger : Brass 3604/BeCu/SK4

.Barrel : Brass 3604/BeCu/PHBZ

.Spring : SUS304/SWP/PHBZ

##### 2.Plating

.Contact Surface : 10μminimum Au over 50-100μNi

##### 3.Electrical

.Rated Current & Voltage : DC 12 V ; 1 A

.Contact Resistance : 50 mΩ maximum at Working Height.

P/N	Total Length (L0)	Working Height (L1)	Spring Force ± 20%	Barrel Length (L2)	Length (L3)	Plunger Diameter (D0)	Barrel Diameter (D1)	Bottom Diameter (D2)	Type
H199M0	2.10	1.50	100.00	1.45	1.25	0.80	1.25	1.40	F
N018M9	2.20	1.75	80.00	1.55	1.15	1.00	1.51	1.80	F
H126M0	2.20	1.75	80.00	1.55	0.75	1.00	1.48	2.20	F
H199M2	2.30	2.18	30.00	1.50	1.20	0.80	1.25	1.40	F
H027M0	2.50	1.95	40.00	1.55	1.20	1.00	1.40	1.60	F
H062M0	2.60	2.00	100.00	1.60	1.30	0.90	1.47	2.00	F
H062M1	2.60	2.00	100.00	1.60	1.30	0.90	1.47	2.00	F
H192M1	2.60	2.00	100.00	1.60	1.05	0.90	1.47	1.62	F
H265M0	2.63	2.43	50.00	2.23	2.23	0.40	0.70	0.70	F
N080M1	2.95	2.70	55.00	2.60	2.60	1.00	1.50	N	F
N018M0	3.10	2.40	110.00	2.30	1.90	1.00	1.51	1.80	F
N018M1	3.10	2.50	110.00	2.30	1.90	1.00	1.51	1.80	F
N030M0	3.10	2.40	110.00	2.10	1.70	0.90	1.41	1.80	F
H038M0	3.10	2.40	110.00	2.10	1.70	0.90	1.41	1.80	F
N002M1	3.20	2.20	80.00	2.00	1.60	1.00	1.51	1.80	F
H287M0	3.25	3.15	30.00	2.00	1.70	0.80	1.25	2.00	F
N002M5	3.40	2.60	110.00	2.50	2.10	1.00	1.51	1.80	F
H061M0	3.40	2.60	110.00	2.50	2.50	1.00	1.50	2.10	F
H072M0	3.40	2.70	100.00	2.45	1.65	0.90	1.48	1.60	F
H318M0	3.40	2.80	110.00	2.50	2.10	1.00	1.51	2.00	F
N002M6	3.50	2.70	110.00	2.60	2.10	1.00	1.51	1.80	F
N018M4	3.50	3.00	50.00	2.50	2.00	0.75	1.32	1.50	F
N080M0	3.50	3.00	25.00	2.80	2.80	0.70	1.20	1.25	F
H077M0	3.50	2.80	120.00	2.49	2.08	1.00	1.63	1.83	F
H134M0	3.50	3.00	50.00	2.30	0.50	0.80	2.50	1.50	F
H173M0	3.50	3.00	50.00	2.30	1.90	0.80	1.32	1.50	F
H267M0	3.50	3.00	110.00	2.40	2.00	1.00	1.51	1.80	F
N002M4	3.70	2.90	110.00	2.60	2.20	1.00	1.51	1.80	F
N018M7	3.70	3.00	110.00	2.40	2.00	1.00	1.51	1.80	F
N200M1	3.70	2.90	110.00	2.60	2.20	1.00	1.53	1.80	F
N002M2	4.00	3.00	100.00	2.50	2.10	1.00	1.51	1.80	F
N050M2	4.00	3.00	80.00	2.30	1.20	1.00	1.50	1.80	F
N050X4	4.00	3.00	80.00	2.30	1.20	1.00	1.53	1.80	F
N103M7	4.00	3.20	110.00	2.90	2.50	1.00	1.51	1.80	F
N200M2	4.00	3.20	110.00	2.90	2.50	1.00	1.53	1.80	F
H299M1	4.00	3.00	120.00	2.80	2.40	1.00	1.51	1.80	F
H008M1	4.10	3.20	100.00	2.70	2.20	0.80	1.30	1.40	F
N019M0	4.20	3.40	120.00	2.90	2.60	1.00	1.51	1.65	F
N103H5	4.20	3.40	140.00	2.90	2.50	1.00	1.51	1.80	F
N103M1	4.20	3.40	80.00	2.90	2.50	0.90	1.51	1.80	F
N103M5	4.20	3.40	120.00	2.90	2.50	1.00	1.51	1.80	F
N114M0-1	4.20	3.80	40-60	2.70	2.70	0.90	1.40	1.40	F
N103X5	4.20	3.40	120.00	2.90	2.50	1.00	1.51	1.80	F
N200M4	4.20	3.20	130.00	2.70	2.30	1.00	1.53	1.80	F
N038M0	4.30	3.80	110.00	3.10	2.60	0.70	1.10	1.40	F
N008M0	4.40	3.40	100.00	3.20	2.60	0.90	1.60	1.80	F
N050M3	4.40	3.40	80.00	2.70	1.20	1.00	1.53	1.80	F
N114M1-1	4.40	3.80	40-60	2.70	2.70	0.90	1.40	1.40	F
N067M0	4.50	3.70	60.00	3.50	3.00	1.00	1.51	2.50	F
N103M2	4.50	3.20	120.00	2.90	2.50	1.00	1.51	1.80	F

# F Flat Type 平底式

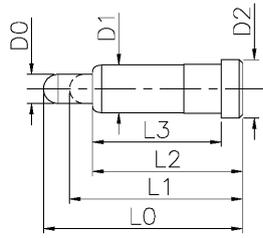


穩定性好，針管底部為平底設計，易於與 PCB 板焊接

Stable quality. The bottom of barrel is designed as flat shape, easy to be mounted on PCB.

## 單針 Single Pin

單位 (Unit: mm)



### NOTE :

#### 1. Materials

.Plunger : Brass 3604/BeCu/SK4

.Barrel : Brass 3604/BeCu/PHBZ

.Spring : SUS304/SWP/PHBZ

#### 2. Plating

.Contact Surface : 10μminimum Au over 50-100μNi

#### 3. Electrical

.Rated Current & Voltage : DC 12 V ; 1 A

.Contact Resistance : 50 mΩ maximum at Working Height.

P/N	Total Length (L0)	Working Height (L1)	Spring Force ±20%	Barrel Length (L2)	Length (L3)	Plunger Diameter (D0)	Barrel Diameter (D1)	Bottom Diameter (D2)	Type
N103M6	4.50	3.70	120.00	2.90	2.50	1.00	1.51	1.80	F
N114M0	4.50	4.00	40-60	3.00	3.00	0.90	1.40	1.40	F
H168M0	4.50	3.70	100.00	2.90	2.50	1.00	1.51	1.80	F
N002M7	4.70	3.70	120.00	3.20	0.90	1.00	1.50	2.00	F
N016M0	4.70	3.80	75.00	3.40	0.90	0.90	1.48	2.40	F
N066M1	4.70	3.50	80.00	3.50	2.70	0.70	1.20	1.60	F
N114M1	4.70	4.00	40-60	3.00	3.00	0.90	1.40	1.40	F
N119M1	4.70	3.30	100.00	2.80	2.40	1.00	1.70	2.10	F
H041M0	4.70	3.60	120.00	3.30	2.60	0.90	1.65	1.80	F
N005M8	4.80	3.80	80.00	3.30	2.80	0.90	1.51	1.90	F
N005M6	4.90	3.90	110.00	3.60	3.10	1.00	1.51	1.90	F
N010M0	4.90	4.10	80.00	3.50	2.50	0.90	1.49	1.90	F
H137M0	4.90	4.10	70.00	3.50	2.00	0.90	1.55	2.12	F
H247M0	4.90	4.10	50.00	3.00	1.80	0.90	1.30	1.60	F
N005M2	5.00	4.00	110.00	3.60	3.10	0.90	1.51	1.90	F
N005MA	5.00	4.00	110.00	3.60	3.10	0.90	1.51	1.90	F
N066M2	5.00	3.80	120.00	3.50	2.70	0.70	1.20	1.60	F
H223M0	5.00	4.00	110.00	3.60	3.10	0.90	1.51	1.90	F
H268M0	5.00	4.00	60.00	3.60	3.10	1.00	1.51	1.60	F
N005M7	5.10	4.10	110.00	3.60	3.10	1.00	1.51	1.90	F
H246M0	5.10	4.10	110.00	3.60	3.10	1.00	1.51	1.90	F
N010M2	5.20	4.40	80.00	4.00	3.20	0.90	1.60	1.90	F
N010M5	5.20	4.40	80.00	4.00	3.20	1.20	1.60	1.90	F
N066M0	5.20	4.00	80.00	4.00	3.20	0.60	1.00	1.20	F
H020M0	5.30	4.30	120.00	3.50	1.50	1.00	1.90	1.60	F
N005M1	5.40	4.40	110.00	3.90	3.40	0.90	1.51	1.90	F
N110M0	5.40	4.70	150.00	4.00	3.50	0.90	1.51	1.60	F
N114M2-1	5.40	4.90	30-40	3.70	3.70	0.35	0.80	0.80	F
H010M0	5.40	4.30	60.00	4.10	3.60	0.90	1.50	1.60	F
H203M0	5.40	3.80	400.00	3.60	3.10	0.90	1.51	1.90	F
N005M0	5.50	4.50	110.00	4.00	3.50	0.90	1.51	1.90	F
N006M1	5.50	4.40	120.00	4.00	3.50	0.90	1.51	1.90	F
N040M0	5.50	4.50	110.00	4.00	3.30	0.90	1.50	1.80	F
N048M1	5.50	4.50	80.00	4.00	3.40	1.00	1.50	1.90	F
N118M0	5.50	4.40	80.00	4.00	3.20	1.20	1.60	2.00	F
N114M2	5.70	5.20	30-40	4.20	4.20	0.42	0.80	0.80	F
H229M0	5.70	4.70	80.00	4.30	3.95	1.00	1.51	1.80	F
N005M4	5.80	4.80	110.00	4.00	3.50	1.00	1.50	1.90	F
N005X4	5.80	4.80	110.00	4.00	3.50	1.00	1.50	1.90	F
N007M1	5.80	5.00	80.00	4.30	3.60	0.90	1.51	2.30	F
N007M0	5.90	4.90	120.00	4.40	3.60	0.90	1.50	1.90	F
N044M0	6.00	4.80	120.00	4.50	4.00	1.00	1.51	1.90	F
H223M4	6.00	5.00	110.00	4.60	3.10	0.90	1.51	1.90	F
H094M0	6.10	5.35	120.00	4.40	4.40	0.80	1.37	1.56	F
N096M0	6.20	5.50	110.00	4.00	3.50	0.96	1.51	1.90	F
N144M0	6.30	5.20	110.00	4.50	3.50	1.00	1.51	2.50	F
H069M0	6.30	5.10	120.00	4.50	4.00	1.00	1.51	1.90	F
H179M0	6.30	5.20	110.00	4.50	3.90	1.00	1.51	2.00	F
H042M0	6.40	5.50	100.00	5.00	4.50	1.00	1.50	2.00	F
N042M3	6.50	5.50	110.00	5.00	4.50	1.00	1.51	1.80	F
F028AA00	7.90	8.70	110.00	7.90	7.85	1.00	1.50	1.80	F
F030AA00	2.95	2.80	30.00	1.80	1.82	0.80	1.25	1.70	F
F076AA00	3.60	3.45	30.00	2.30	2.00	0.80	1.25	2.00	F
F083AA06	8.20	6.70	60.00	6.60	6.56	1.00	1.50	1.62	F

# F Flat Type 平底式

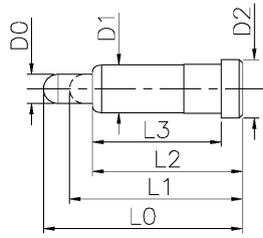


穩定性好，針管底部為平底設計，易於與 PCB 板焊接

Stable quality. The bottom of barrel is designed as flat shape, easy to be mounted on PCB.

## 單針 Single Pin

單位 (Unit: mm)



### NOTE :

#### 1. Materials

.Plunger : Brass 3604/BeCu/SK4

.Barrel : Brass 3604/BeCu/PHBZ

.Spring : SUS304/SWP/PHBZ

#### 2. Plating

.Contact Surface : 10μminimum Au over 50-100μNi

#### 3. Electrical

.Rated Current & Voltage : DC 12 V ; 1 A

.Contact Resistance : 50 mΩ maximum at Working Height.

P/N	Total Length (L0)	Working Height (L1)	Spring Force ±20%	Barrel Length (L2)	Length (L3)	Plunger Diameter (D0)	Barrel Diameter (D1)	Bottom Diameter (D2)	Type
N042M7	6.50	5.50	110.00	5.00	4.00	1.00	1.51	1.80	F
H247M1	6.60	4.60	80.00	4.20	2.30	1.00	1.50	1.80	F
N042M0	6.70	5.50	110.00	5.00	4.00	0.90	1.51	2.00	F
N100M0	6.80	5.80	100.00	4.90	3.40	1.50	1.55	2.12	F
N122M0	6.80	5.80	110.00	5.40	4.80	0.90	1.60	1.90	F
H028M0	6.80	5.70	65.00	5.30	3.80	0.90	1.65	2.12	F
H056M0	6.80	5.80	120.00	5.30	2.60	0.90	1.95	2.10	F
H136M0	6.80	5.70	70.00	5.30	3.80	0.90	1.55	2.12	F
H247M3	6.80	4.80	80.00	4.50	2.70	1.00	1.80	1.50	F
N042M4	6.90	6.00	100.00	5.40	4.60	1.00	1.51	1.80	F
N020M1	7.00	6.00	50.00	4.50	4.10	1.00	1.51	1.80	F
N072M0	7.00	5.70	110.00	5.50	5.50	1.00	1.50	1.90	F
H057M0	7.00	5.90	120.00	5.30	4.70	0.90	1.51	1.80	F
H258M1	7.00	6.60	200.00	6.40	5.90	0.75	3.00	4.00	F
H289M1	7.00	6.50	200.00	5.00	4.30	1.00	1.48	2.00	F
N137M0	7.10	5.60	50.00	5.60	3.80	0.70	1.20	1.20	F
N041M0	7.20	6.20	110.00	5.40	4.60	1.00	1.51	1.80	F
N041M3	7.20	6.20	110.00	5.40	4.60	1.00	1.51	1.80	F
N041X0	7.20	6.20	110.00	5.40	4.60	1.00	1.51	1.80	F
H048M0	7.20	6.20	110.00	5.40	5.00	1.00	1.48	1.80	F
H097M0	7.20	6.30	80.00	5.40	4.60	1.00	1.51	1.80	F
H294M0	7.20	4.60	120.00	4.40	4.00	1.00	1.51	1.80	F
N042M1	7.30	6.30	110.00	5.40	4.60	1.00	1.51	1.80	F
H165M0	7.35	6.45	95.00	5.65	5.05	0.90	1.48	1.53	F
N005M9	7.40	5.90	60-100	5.80	5.40	0.90	1.50	2.00	F
H255M0	7.40	5.90	40-60	5.80	5.40	0.90	1.51	2.00	F
N124M1	7.50	6.50	110.00	5.60	4.10	0.90	1.65	2.12	F
H096M0	7.50	6.50	110.00	5.60	4.10	0.90	1.65	2.12	F
H096M1	7.50	6.50	110.00	5.60	4.10	0.90	1.55	2.12	F
N036M0	7.60	6.60	110.00	6.10	5.30	1.00	1.51	1.80	F
H031M0	7.60	6.60	110.00	6.10	5.30	1.00	1.58	1.80	F
H299M0	7.60	6.40	120.00	5.60	4.80	1.00	1.51	2.50	F
N001M5	7.70	6.70	80.00	6.20	4.70	0.90	1.65	2.30	F
N041M2	7.70	6.70	110.00	5.40	4.60	0.90	1.51	1.80	F
H142M0	7.75	6.75	120.00	6.05	4.75	0.90	1.55	2.12	F
N001M0	8.00	7.00	100.00	6.20	5.20	1.00	1.51	2.20	F
N001M1	8.00	7.00	100.00	6.20	5.20	1.00	1.51	2.20	F
N001M2	8.00	6.90	65.00	6.20	5.20	1.00	1.51	2.30	F
N001X2	8.00	6.90	65.00	6.20	5.20	1.00	1.51	2.30	F
N065M2	8.00	6.73	240.00	5.90	4.90	1.05	1.95	2.40	F
N124M3	8.00	7.00	110.00	6.10	4.60	0.90	1.65	2.12	F
H065M0	8.00	7.00	100.00	6.20	5.80	1.00	1.48	2.20	F
N143M0	8.20	6.90	110.00	6.20	4.30	1.00	1.52	2.50	F
N001M7	8.50	7.30	110.00	6.70	5.70	1.00	1.51	2.30	F
N010M4	8.50	7.80	70.00	6.30	5.30	0.90	1.60	1.90	F
N010M9	8.50	7.30	100.00	6.30	5.30	0.90	1.60	1.90	F
H015M0	8.50	7.30	100.00	6.30	5.30	0.90	1.50	2.20	F
H015M1	8.50	7.30	100.00	6.30	5.30	0.90	1.50	1.90	F
H064M0	8.50	7.00	120.00	6.00	5.50	1.00	1.51	2.00	F
H055M0	8.60	7.50	120.00	6.90	5.40	0.90	1.65	2.10	F
H311M0	4.30	3.75	70.00	3.30	2.75	0.90	1.50	1.83	F
H339M1	6.20	4.70	315.00	3.10	3.00	2.50	3.50	4.20	F
H345M0	5.80	4.80	60.00	4.00	3.55	0.90	1.35	1.90	F
H353M1	9.50	7.50	110.00	6.50	6.45	0.90	1.48	2.00	F
H355M0	4.70	3.70	100.00	2.90	2.40	1.00	1.50	2.20	F

# F Flat Type 平底式

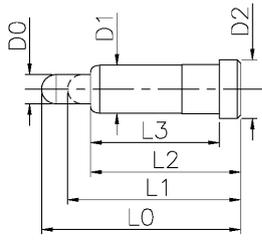


穩定性好，針管底部為平底設計，易於與 PCB板焊接

Stable quality. The bottom of barrel is designed as flat shape, easy to be mounted on PCB.

## 單針 Single Pin

單位 (Unit: mm)



### NOTE :

#### 1.Materials

.Plunger : Brass 3604/BeCu/SK4

.Barrel : Brass 3604/BeCu/PHBZ

.Spring : SUS304/SWP/PHBZ

#### 2.Plating

.Contact Surface : 10μm minimum Au over 50-100μNi

#### 3.Electrical

.Rated Current & Voltage : DC 12 V ; 1 A

.Contact Resistance : 50 mΩ maximum at Working Height.

P/N	Total Length (L0)	Working Height (L1)	Spring Force ± 20%	Barrel Length (L2)	Length (L3)	Plunger Diameter (D0)	Barrel Diameter (D1)	Bottom Diameter (D2)	Type
N115M0	8.70	7.50	100.00	6.20	4.30	1.00	1.53	2.50	F
N011X3	8.80	7.80	100.00	6.30	5.30	1.00	1.60	1.90	F
N079M0	8.80	7.70	110.00	7.00	6.20	1.00	1.51	1.80	F
H044M0	8.80	7.50	190.00	6.85	4.85	1.50	2.80	2.20	F
N001M3	9.00	7.00	130.00	6.20	5.20	1.00	1.50	2.20	F
N002M0	9.00	7.80	100.00	6.30	5.30	1.00	1.60	1.90	F
N017M0	9.00	8.00	100.00	7.00	6.00	1.00	1.51	2.20	F
H029M0	9.00	7.80	100.00	6.30	5.30	1.00	1.51	1.90	F
H186M0	9.00	7.80	100.00	6.30	5.30	1.00	1.51	1.80	F
N010M1	9.20	7.70	120.00	6.30	5.30	0.90	1.60	1.90	F
N010M7	9.20	7.70	120.00	6.30	5.30	0.90	1.60	3.00	F
N011M0	9.30	8.30	100.00	6.30	5.30	1.00	1.60	1.90	F
N011X0	9.30	8.30	100.00	6.30	5.30	1.00	1.60	1.90	F
N027M0	9.30	8.30	110.00	7.50	6.70	1.00	1.51	1.80	F
N027M3	9.30	8.30	110.00	7.50	6.70	1.00	1.51	2.50	F
N027X0	9.30	8.30	110.00	7.50	7.00	1.00	1.51	1.80	F
N027X3	9.30	8.30	110.00	7.50	6.70	1.00	1.51	2.50	F
N083M0	9.50	8.50	110.00	7.30	6.30	0.90	1.40	1.90	F
N105M9	9.50	8.50	120.00	5.00	5.00	1.00	1.50	2.40	F
H018M0	9.70	7.70	250.00	7.00	2.20	1.00	2.32	4.00	F
N142M0	9.80	8.20	125.00	7.30	4.90	1.00	1.51	2.26	F
N142X0	9.80	8.20	125.00	7.30	4.90	1.00	1.51	2.26	F
N017M1	10.00	7.50	150.00	7.00	6.00	1.00	1.51	1.80	F
H001M0	10.30	9.00	110.00	7.80	7.10	0.90	1.50	1.90	F
N027M4	10.50	9.50	110.00	7.50	6.70	1.00	1.51	2.00	F
N028M1	11.20	10.20	110.00	9.70	8.90	1.00	1.51	1.80	F
N028M2	11.20	9.80	145.00	9.40	8.40	1.00	1.60	1.90	F
N028M6	11.20	9.80	145.00	9.40	9.00	1.00	1.51	1.80	F
N082M2	11.70	9.70	130.00	8.10	7.10	0.90	1.40	1.90	F
N128M0	12.10	10.40	80.00	9.60	7.10	0.80	1.25	1.60	F
N051M0	12.50	10.90	120.00	10.00	9.80	0.80	1.37	2.00	F
N082M0	12.50	11.50	110.00	8.10	7.10	0.90	1.33	1.90	F
N082M1	12.50	9.50	180.00	8.10	7.10	0.90	1.40	1.90	F
N128M1	12.60	10.90	80.00	10.10	7.10	0.80	1.25	1.60	F
N128M3	12.60	11.10	80.00	10.10	7.10	0.80	1.25	1.60	F
N128M4	12.60	10.90	80.00	10.10	7.10	0.80	1.25	1.34	F
H118M1	14.00	13.25	50.00	12.50	10.40	1.00	1.50	1.60	F
N021M0	14.10	11.10	130.00	12.00	7.50	1.30	2.01	2.20	F
H121M0	14.50	13.00	120.00	11.50	8.50	1.00	1.52	1.80	F
H121M1	14.50	13.00	120.00	11.50	8.50	1.00	1.52	1.80	F
N028M0	15.00	14.00	110.00	13.20	12.70	1.00	1.51	1.80	F
N123M0	15.20	14.20	110.00	13.70	13.10	0.90	1.50	3.10	F
N123M1	16.50	15.50	110.00	15.00	14.40	0.90	1.45	3.10	F
N011M2	17.50	16.30	100.00	14.55	13.55	1.00	1.51	2.00	F
N011M4	19.00	17.80	100.00	16.05	15.05	1.00	1.51	2.00	F
N021M1	21.50	19.00	150.00	18.00	13.50	0.90	1.50	1.80	F
F256AA01	6.90	5.25	800.00	2.40	1.50	2.00	3.60	3.90	F
F281AA01	5.76	4.24	80.00	3.90	2.69	0.91	1.52	1.37	F
F292AA01	4.20	3.70	40.00	2.90	2.35	1.00	1.48	1.80	F
H048M0	7.20	6.20	110.00	5.40	5.00	1.00	1.48	1.80	F
H199M0	2.40	2.25	30.00	1.57	1.55	0.80	1.25	1.40	F

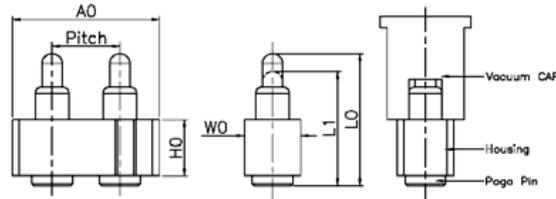
# F Flat Type 平底式



穩定性好，針管底部為平底設計，易於與PCB板焊接

Stable quality. The bottom of barrel is designed as flat shape, easy to be mounted on PCB.

**多針(含膠芯)**  
**Multiple Pins (with Housing)**  
 單位 (Unit: mm)



## NOTE :

### 1.Materials

.Plunger : Brass 3604/BeCu/SK4

.Barrel : Brass 3604/BeCu/PHBZ

.Spring : SUS304/SWP/PHBZ

### 2.Plating

.Contact Surface : 10μminimum Au over 50-100μNi

### 3.Electrical

.Rated Current & Voltage : DC 12 V ; 1 A

.Contact Resistance : 50 mΩ maximum at Working Height.

P/N	Total Length (L0)	Working Height (L1)	Spring Force ±20%	Pin	Pitch	Housing Length (A0)	Housing Width (W0)	Housing Height (H0)	Positioner	cap	Type
N018M9-01C000CR	2.20	1.75	80.00	1	0.00	N	N	N	N	Y	F
H126M0-H01A000CR	2.20	1.75	80.00	1	0.00	N	N	N	N	Y	F
H199M2-H01A000CR	2.30	2.18	30.00	1	0.00	N	N	N	N	Y	F
H062M0-01C000CR	2.60	2.00	100.00	1	0.00	N	N	N	N	Y	F
H062M1-H01A000CR	2.60	2.00	100.00	1	0.00	N	N	N	N	Y	F
N018M1-01C000CR	3.10	2.50	110.00	1	0.00	N	N	N	N	Y	F
H038M0-H01C000CR	3.10	2.40	110.00	1	0.00	N	N	N	N	Y	F
H287M0-H01A000CR	3.25	3.15	30.00	1	0.00	N	N	N	N	Y	F
N002M5-01C000CR	3.40	2.60	110.00	1	0.00	N	N	N	N	Y	F
H072M0-01C000CR	3.40	2.70	100.00	1	0.00	N	N	N	N	Y	F
H318M0-H01A000CR	3.40	2.80	110.00	1	0.00	N	N	N	N	Y	F
N103M7-01C000CR	4.00	3.20	110.00	1	0.00	N	N	N	N	Y	F
H299M1-H01A000CR	4.00	3.00	120.00	1	0.00	N	N	N	N	Y	F
N103M5-01A000CR	4.20	3.40	120.00	1	0.00	N	N	N	N	Y	F
N103M5-01C000CR	4.20	3.40	120.00	1	0.00	N	N	N	N	Y	F
N103M5-H01A000CR	4.20	3.40	120.00	1	0.00	N	N	N	N	Y	F
N103M6-01C000CR	4.50	3.70	120.00	1	0.00	N	N	N	N	Y	F
N103M6-H01A000CR	4.50	3.70	120.00	1	0.00	N	N	N	N	Y	F
N005M8-H01A000CR	4.80	3.80	60-80	1	0.00	N	N	N	N	Y	F
N005M6-01C000CR	4.90	3.90	110.00	1	0.00	N	N	N	N	Y	F
N005M7-01C000CR	5.10	4.10	110.00	1	0.00	N	N	N	N	Y	F
H203M0-01A000CR	5.40	3.80	400.00	1	0.00	N	N	N	N	Y	F
N005M0-01A000CR	5.50	4.50	110.00	1	0.00	N	N	N	Y	Y	F
N005M0-01C000CR	5.50	4.50	110.00	1	0.00	N	N	N	N	Y	F
N005M1-01C000CR	5.50	4.40	110.00	1	0.00	N	N	N	N	Y	F
N005M4-01A000MR	5.80	4.80	110.00	1	0.00	4.10	2.50	2.30	Y	Y	F
N005M4-01C000CR	5.80	4.80	110.00	1	0.00	N	N	N	N	Y	F
N007M1-01C000CR	5.80	5.00	80.00	1	0.00	N	N	N	N	Y	F
N007M0-01C000CR	5.90	4.90	120.00	1	0.00	N	N	N	N	Y	F
N144M0-01C000CR	6.30	5.20	110.00	1	0.00	N	N	N	N	Y	F
H069M0-01B000MR	6.30	5.10	120.00	1	0.00	3.20	N	2.50	N	Y	F
H042M0-01C000CR	6.40	5.50	100.00	1	0.00	N	N	N	N	Y	F
N042M3-01A000MR	6.50	5.50	110.00	1	0.00	4.10	2.50	2.30	Y	Y	F
N042M0-01C000CR	6.70	5.50	110.00	1	0.00	N	N	N	N	Y	F
N042M4-01C000CR	6.90	6.00	100.00	1	0.00	N	N	N	N	Y	F
N041M0-01A000MR	7.20	6.00	125.00	1	0.00	4.10	2.50	2.30	Y	Y	F
H048M0-01A000MR	7.20	6.20	110.00	1	0.00	4.10	2.50	3.50	Y	Y	F
H096M0-H01C000CR	7.50	6.50	110.00	1	0.00	N	N	N	N	Y	F
H096M1-H01C000CR	7.50	6.50	110.00	1	0.00	N	N	N	N	Y	F
H299M0-H01A000CR	7.60	6.40	120.00	1	0.00	N	N	N	N	Y	F
N041M2-H01A000CR	7.70	6.70	110.00	1	0.00	N	N	N	N	Y	F
N001M1-H01C000CR	8.00	7.00	100.00	1	0.00	N	N	N	N	Y	F
H065M0-01A000MR	8.00	7.00	100.00	1	0.00	4.10	2.50	2.30	Y	Y	F
N001M2-01C000CR	8.00	6.90	65.00	1	0.00	N	N	N	N	Y	F
N143M0-01C000CR	8.20	6.90	110.00	1	0.00	N	N	N	N	Y	F
N001M7-01B000MR	8.50	7.30	110.00	1	0.00	3.20	N	2.50	N	Y	F
N001M7-01C000CR	8.50	7.30	110.00	1	0.00	N	N	N	N	Y	F
N010M9-01C000CR	8.50	7.30	100.00	1	0.00	N	N	N	N	Y	F
N010M1-01C000CR	9.20	7.70	120.00	1	0.00	N	N	N	N	Y	F
N027M0-01C000CR	9.30	8.30	110.00	1	0.00	N	N	N	N	Y	F

# F Flat Type 平底式

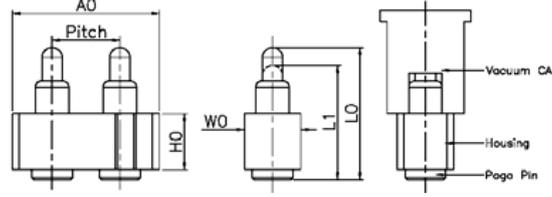


穩定性好，針管底部為平底設計，易於與PCB板焊接

Stable quality. The bottom of barrel is designed as flat shape, easy to be mounted on PCB.

**多針(含膠芯)**  
**Multiple Pins (with Housing)**

單位 (Unit: mm)



## NOTE :

### 1.Materials

.Plunger : Brass 3604/BeCu/SK4

.Barrel : Brass 3604/BeCu/PHBZ

.Spring : SUS304/SWP/PHBZ

### 2.Plating

.Contact Surface : 10μminimum Au over 50-100μNi

### 3.Electrical

.Rated Current & Voltage : DC 12 V ; 1 A

.Contact Resistance : 50 mΩ maximum at Working Height.

P/N	Total Length (L0)	Working Height (L1)	Spring Force ±20%	Pin	Pitch	Housing Length (A0)	Housing Width (W0)	Housing Height (H0)	Positioner	cap	Type
H038M0-H02A250MR	3.10	2.40	110.00	2	2.50	5.00	2.50	1.70	N	Y	F
N002M5-02B250MR	3.40	2.60	110.00	2	2.50	5.50	2.50	2.00	N	Y	F
H267M0-02J350MR	3.50	2.80	110.00	2	3.50	6.00	2.50	1.85	N	Y	F
N002M4-02F300HR	3.70	2.90	110.00	2	3.00	5.10	2.50	2.00	N	N	F
N002M4-02H350NR	3.70	2.90	110.00	2	3.50	6.20	2.50	2.00	N	Y	F
N018M7-02B250MR	3.70	3.00	110.00	2	2.50	5.50	2.50	2.00	N	Y	F
N002M4-02B250MR	3.70	2.90	110.00	2	2.50	5.50	2.50	2.00	N	Y	F
N103M7-02B250MR	4.00	3.20	110.00	2	2.50	5.50	2.50	2.00	N	Y	F
N103M7-02F300HR	4.00	3.20	110.00	2	3.00	5.10	2.50	2.00	N	Y	F
N103M7-02H350NR	4.00	3.20	110.00	2	3.50	6.20	2.50	2.00	N	Y	F
N200M2-02H350NR	4.00	3.20	110.00	2	3.50	6.20	2.50	2.00	N	Y	F
N103M5-02A650HR	4.20	3.40	120.00	2	6.50	9.20	2.50	2.50	N	N	F
N103M5-02B250MR	4.20	3.40	120.00	2	2.50	5.50	2.50	2.00	N	Y	F
N103M5-02G350MR	4.20	3.40	120.00	2	3.50	6.20	2.50	2.30	N	Y	F
N103M6-02B250MR	4.50	3.70	120.00	2	2.50	5.50	2.50	2.00	N	Y	F
N103M6-02F350MR	4.50	3.70	120.00	2	3.50	6.80	2.50	2.30	N	Y	F
N103M6-02G350HR	4.50	3.70	120.00	2	3.50	6.20	2.50	2.30	N	Y	F
N103M6-02H350NR	4.50	3.70	120.00	2	3.50	6.20	2.50	2.00	N	Y	F
N103M6-02G350MR	4.50	3.70	120.00	2	3.50	6.20	2.50	2.30	N	Y	F
N103M6-02H350MR	4.50	3.70	120.00	2	3.50	6.20	2.00	2.00	N	Y	F
N005M8-02B250MR	4.80	3.80	60-100	2	2.50	5.50	2.50	2.00	N	Y	F
N005M6-02A350HR	4.90	3.90	110.00	2	3.50	7.60	2.50	3.45	Y	N	F
N005M6-02B250MR	4.90	3.90	110.00	2	2.50	5.40	2.50	2.00	N	Y	F
N005M6-02F350MR	4.90	3.90	110.00	2	3.50	6.80	2.50	2.30	N	Y	F
N005M2-02A250MR	5.00	4.00	110.00	2	2.50	5.40	2.50	3.00	N	Y	F
N005M2-02A350HR	5.00	4.00	110.00	2	3.50	7.60	2.50	3.45	Y	N	F
N005M2-02A400HR	5.00	4.00	110.00	2	4.00	7.40	2.50	3.30	N	N	F
N005M2-02F300HR	5.00	4.00	110.00	2	3.00	5.10	2.50	2.00	N	N	F
N005M2-02F300MR	5.00	4.00	110.00	2	3.00	5.10	2.50	2.00	N	Y	F
N005M2-02G350MR	5.00	4.00	110.00	2	3.50	6.20	2.50	2.30	N	Y	F
N005M2-02J350MR	5.00	4.00	110.00	2	3.50	6.00	2.50	1.85	N	Y	F
N005M2-H02A400MR	5.00	4.00	110.00	2	4.00	6.50	2.50	1.80	N	Y	F
H223M0-02A350HR	5.00	4.00	110.00	2	3.50	7.60	2.50	3.45	Y	N	F
N005M7-02A250MR	5.10	4.10	110.00	2	2.50	5.40	2.50	3.00	N	Y	F
N005M7-02A350HR	5.10	4.10	110.00	2	3.50	7.60	2.50	3.45	Y	N	F
N005M1-02A350HR	5.40	4.40	110.00	2	3.50	7.60	2.50	3.45	Y	N	F
N005M1-02A400HR	5.40	4.40	110.00	2	4.00	7.40	2.50	3.30	N	N	F
N005M1-02B250MR	5.40	4.40	110.00	2	2.50	5.50	2.50	2.00	N	Y	F
H010M0-02A400HR	5.40	4.30	60.00	2	4.00	7.40	2.50	3.30	N	N	F
H010M0-H02A300HR	5.40	4.30	60.00	2	3.00	5.80	3.20	3.50	Y	N	F
H263M0-02B250MR	5.40	4.40	110.00	2	2.50	5.50	2.50	2.00	N	Y	F

# F Flat Type 平底式

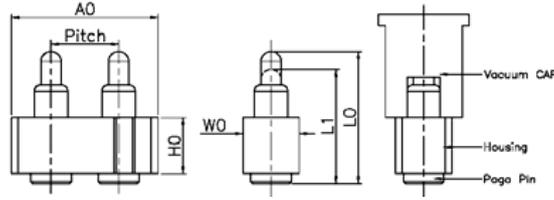


穩定性好·針管底部為平底設計·易於與PCB板焊接

Stable quality. The bottom of barrel is designed as flat shape, easy to be mounted on PCB.

**多針(含膠芯)**  
**Multiple Pins (with Housing)**

單位 (Unit: mm)



**NOTE :**

**1.Materials**

.Plunger : Brass 3604/BeCu/SK4

.Barrel : Brass 3604/BeCu/PHBZ

.Spring : SUS304/SWP/PHBZ

**2.Plating**

.Contact Surface : 10μminimum Au over 50-100μNi

**3.Electrical**

.Rated Current & Voltage : DC 12 V ; 1 A

.Contact Resistance : 50 mΩ maximum at Working Height.

P/N	Total Length (L0)	Working Height (L1)	Spring Force±20%	Pin	Pitch	Housing Length (A0)	Housing Width (W0)	Housing Height (H0)	Positioner	cap	Type
N005M0-02A250MR	5.50	4.50	110.00	2	2.50	5.40	2.50	3.00	N	Y	F
N005M0-02A350HR	5.50	4.50	110.00	2	3.50	7.60	2.50	3.45	Y	N	F
N005M0-02A400MR	5.50	4.50	110.00	2	4.00	7.40	2.50	3.30	Y	N	F
N005M0-02E250HR	5.50	4.50	110.00	2	2.50	10.10	2.50	2.50	N	Y	F
N005M0-02F300MR	5.50	4.50	110.00	2	3.00	5.10	2.50	2.00	N	Y	F
N005M0-02G350MR	5.50	4.50	110.00	2	3.50	6.20	2.50	2.30	N	Y	F
N005M1-02A350MR	5.50	4.50	110.00	2	3.50	7.60	2.50	3.45	Y	Y	F
H198M0-H02A400MR	5.50	4.40	120.00	2	4.00	6.50	2.50	1.80	N	Y	F
N005M4-02A250MR	5.80	4.80	110.00	2	2.50	5.40	2.50	3.00	N	Y	F
N005M4-02A350MR	5.80	4.80	110.00	2	3.50	7.60	2.50	3.45	Y	Y	F
N005M4-02A400HR	5.80	4.80	110.00	2	4.00	7.40	2.50	3.30	N	Y	F
N005M4-02C350MR	5.80	4.80	110.00	2	3.50	7.60	2.80	2.35	N	Y	F
N005X4-02A350MR	5.80	4.80	110.00	2	3.50	7.60	2.50	3.45	N	Y	F
N005X4-02C350MR	5.80	4.80	110.00	2	3.50	7.60	2.50	2.35	N	Y	F
N007M0-02A250MR	5.90	4.90	120.00	2	2.50	5.40	2.50	3.00	N	Y	F
N007M0-02A350MR	5.90	4.90	120.00	2	3.50	7.60	2.50	3.50	Y	Y	F
N007M0-02A650MR	5.90	4.90	120.00	2	6.50	9.20	2.50	2.50	N	Y	F
H223M4-02F300-W	6.00	5.00	110.00	2	3.00	5.10	2.50	2.00	N	Y	F
H273M0-02A400HR	6.00	4.40	110.00	2	4.00	7.40	2.50	3.30	N	Y	F
H069M0-02B250MR	6.30	5.10	120.00	2	2.50	5.50	2.50	2.00	N	Y	F
H179M0-H02B300MR	6.30	5.20	110.00	2	3.00	6.50	2.50	3.70	Y	Y	F
N042M3-02A250MR	6.50	5.50	110.00	2	2.50	5.40	2.50	3.00	N	Y	F
N042M3-02A400HR	6.50	5.50	110.00	2	4.00	7.40	2.50	3.30	N	N	F
N042M3-02F300MR	6.50	5.50	110.00	2	3.00	5.10	2.50	2.00	N	Y	F
N042M7-02F300MR	6.50	5.50	110.00	2	3.00	5.10	2.50	2.00	N	Y	F
N042M0-02A250MR	6.70	5.50	110.00	2	2.50	5.40	2.50	3.00	N	Y	F
N042M0-02F300MR	6.70	5.50	110.00	2	3.00	5.10	2.50	2.00	N	Y	F
N042M0-H02A400MR	6.70	5.50	110.00	2	4.00	6.50	2.50	1.80	N	Y	F
H057M0-H02A400MR	7.00	5.90	120.00	2	4.00	6.50	2.50	1.80	N	Y	F
H171M0-H02C350HR	7.00	6.00	80.00	2	3.50	6.00	2.50	6.00	N	N	F
N041M0-02A250MR	7.20	6.20	110.00	2	2.50	5.40	2.50	3.00	N	Y	F
N041M0-02C350H	7.20	6.20	110.00	2	3.50	7.60	2.50	2.35	N	N	F
N036M0-02G350MR	7.60	6.60	110.00	2	3.50	6.20	2.50	2.30	N	Y	F
H031M0-02B500HR	7.60	6.60	100.00	2	5.00	8.10	3.10	4.50	N	N	F
N001M1-02A508MR	8.00	7.00	100.00	2	5.08	7.60	2.50	2.95	N	Y	F
N001M2-02A400MR	8.00	6.90	65.00	2	4.00	7.40	2.50	3.30	N	Y	F
N001M2-02D350MR	8.00	6.90	65.00	2	3.50	6.80	3.40	1.50	N	Y	F
H015M0-H02A650HR	8.50	7.30	100.00	2	6.50	9.20	2.50	2.50	N	N	F
H015M0-H02A650MR	8.50	7.30	100.00	2	6.50	9.20	2.50	2.50	N	Y	F
H015M1-02D350HR	8.50	7.30	100.00	2	3.50	6.80	3.40	1.50	N	N	F
N001M7-02D350MR	8.50	7.30	110.00	2	3.50	6.80	3.40	1.50	N	Y	F
N001M7-02E350MR	8.50	7.30	110.00	2	3.50	8.90	3.00	4.10	Y	Y	F
N002M0-02B500HR	9.00	7.80	100.00	2	5.00	8.10	3.10	4.50	N	N	F
N028M6-02G350MR	11.20	9.80	145.00	2	3.50	6.20	2.50	2.30	N	Y	F

# F Flat Type 平底式

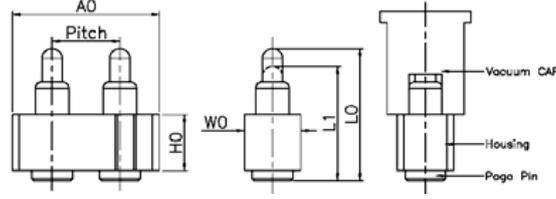


穩定性好，針管底部為平底設計，易於與PCB板焊接

Stable quality. The bottom of barrel is designed as flat shape, easy to be mounted on PCB.

**多針(含膠芯)**  
**Multiple Pins (with Housing)**

單位 (Unit: mm)



## NOTE :

### 1. Materials

.Plunger : Brass 3604/BeCu/SK4

.Barrel : Brass 3604/BeCu/PHBZ

.Spring : SUS304/SWP/PHBZ

### 2. Plating

.Contact Surface : 10μminimum Au over 50-100μNi

### 3. Electrical

.Rated Current & Voltage : DC 12 V ; 1 A

.Contact Resistance : 50 mΩ maximum at Working

Height.

P/N	Total Length (L0)	Working Height (L1)	Spring Force ±20%	Pin	Pitch	Housing Length (A0)	Housing Width (W0)	Housing Height (H0)	Positioner	cap	Type
H173M0-H03A200HR	3.50	3.00	50.00	3	2.00	6.30	3.55	1.45	N	N	F
H008M1-H03A180MR	4.10	3.20	100.00	3	1.80	6.20	2.50	1.70	Y	Y	F
H008M0-H03A180MR	4.20	3.60	140.00	3	1.80	6.20	2.50	1.70	Y	Y	F
N103M5-03B300MR	4.20	3.40	120.00	3	3.00	10.10	2.50	2.70	Y	Y	F
H168M0-H03A350MR	4.50	3.70	100.00	3	3.50	9.50	2.50	2.30	N	Y	F
H179M0-03A300MR	6.30	5.20	110.00	3	3.00	10.10	2.50	3.30	Y	Y	F
N042M3-03A300MR	6.50	5.50	110.00	3	3.00	10.10	2.50	3.30	Y	Y	F
H255M0-03D250MR	7.40	5.90	50.00	3	2.50	8.60	2.50	4.00	Y	Y	F
H122M0-03A350MR	8.00	6.90	65.00	3	3.50	11.10	2.50	3.45	Y	Y	F
N001M2-03B250MR	8.00	6.90	65.00	3	2.50	7.60	2.50	4.40	N	Y	F
H064M0-03A250MR	8.50	7.00	120.00	3	2.50	8.60	2.50	2.40	Y	Y	F
N001M7-03A300MR	8.50	7.30	110.00	3	3.00	10.10	2.50	3.30	Y	Y	F
H029M0-03A350MR	9.00	7.80	100.00	3	3.50	11.10	2.50	3.45	N	Y	F
N002M4-04D250MR	3.70	2.90	110.00	4	2.50	10.90	2.80	1.60	Y	Y	F
N103M4-04A215MR	4.20	3.40	120.00	4	2.15	9.80	2.50	2.80	Y	Y	F
N005M2-04B250MR	5.00	4.00	110.00	4	2.50	10.10	2.50	2.50	N	Y	F
N005M2-H04A450MR	5.00	4.00	110.00	4	4.50	15.60	2.50	3.85	Y	Y	F
H268M0-04B215MR	5.00	4.00	60.00	4	2.15	9.80	2.80	2.70	N	Y	F
N005M7-04A215MR	5.10	4.10	110.00	4	2.15	9.80	2.50	2.80	Y	Y	F
H246M0-H04C220MR	5.10	4.15	110.00	4	2.20	5.00	5.00	3.00	N	Y	F
N005M0-04B250MR	5.50	4.50	110.00	4	2.50	10.10	2.50	2.50	N	Y	F
H229M0-H04C250M	5.70	4.70	80.00	4	2.50	10.10	3.20	2.00	N	Y	F
N005M4-04B250MR	5.80	4.80	110.00	4	2.50	10.10	2.50	2.50	N	Y	F
N005X4-04B250MR	5.80	4.80	110.00	4	2.50	10.10	2.50	2.50	N	Y	F
N044M0-04B250MR	6.00	4.80	120.00	4	2.50	10.10	2.50	2.50	N	Y	F
N042M0-04B250MR	6.70	5.50	110.00	4	2.50	10.10	2.50	2.50	N	Y	F
H195M0-H04C220MR	7.20	6.10	110.00	4	2.20	5.00	5.00	3.00	Y	Y	F
H294M0-H05A254MR	7.20	4.60	120.00	5	2.54	17.78	2.50	5.40	Y	Y	F
H244M0-H05A300HR	8.50	7.50	120.00	5	3.00	15.50	3.50	4.00	N	N	F
H121M0-H06A350HR	11.50	10.00	120.00	6	3.50	14.00	9.00	8.00	Y	N	F
H121M1-H06A350HR	11.50	10.00	120.00	6	3.50	14.00	9.00	8.00	N	N	F
H121M2-H06A350HR	11.50	10.00	120.00	6	3.50	14.00	9.00	8.00	N	N	F
H121M3-H06A350HR	11.50	10.00	120.00	6	3.50	14.00	9.00	8.00	N	N	F

# F Flat Type 平底式

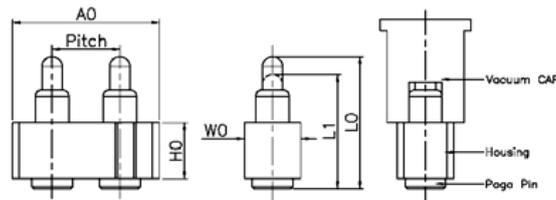


穩定性好·針管底部為平底設計·易於與PCB板焊接

Stable quality. The bottom of barrel is designed as flat shape, easy to be mounted on PCB.

**多針(含膠芯)**  
**Multiple Pins (with Housing)**

單位 (Unit: mm)



## NOTE :

### 1.Materials

.Plunger : Brass 3604/BeCu/SK4

.Barrel : Brass 3604/BeCu/PHBZ

.Spring : SUS304/SWP/PHBZ

### 2.Plating

.Contact Surface : 10μminimum Au over 50-100μNi

### 3.Electrical

.Rated Current & Voltage : DC 12 V ; 1 A

.Contact Resistance : 50 mΩ maximum at Working Height.

P/N	Total Length (L0)	Working Height (L1)	Spring Force ± 20%	Pin	Pitch	Housing Length (A0)	Housing Width (W0)	Housing Height (H0)	Positioner	cap	Type
F030AA00-01000CR	2.95	2.45	50.00	1	0.00	N	N	N	N	Y	F
F0350AA0001000CR	3.50	2.40	120.00	1	0.00	N	N	N	N	Y	F
F0500AA0001000MR	3.60	4.00	110.00	1	0.00	N	N	N	N	Y	F
F076AA00-01000CR	3.60	3.02	50.00	1	0.00	N	N	N	N	Y	F
F082AA00-01000CR	5.00	4.00	60.00	1	0.00	N	N	N	N	Y	F
F097AA00-01000CR	3.20	2.20	80.00	1	0.00	N	N	N	N	Y	F
F159AA00-01000MR	5.80	4.80	110.00	1	0.00	N	N	N	N	Y	F
H199M8-H01A000CR	2.40	2.25	30.00	1	0.00	N	N	N	N	Y	F
H256M0-H01A000CR	7.60	6.60	110.00	1	0.00	N	N	N	N	Y	F
H299M2-H01A000CR	4.00	3.00	120.00	1	0.00	N	N	N	N	Y	F
F046AA00-20254MR	8.50	7.10	95.00	20	1.00	N	N	N	N	Y	F
F0510AA0003250MR	5.10	4.10	110.00	3	2.50	N	N	N	N	Y	F
F0550AA0002400HR	5.50	4.50	110.00	2	4.00	N	N	N	N	Y	F
F083AA00-06254NR	7.50	6.80	150.00	6	2.54	N	N	N	N	Y	F
F1030AA0006250MR	10.30	9.30	50.00	6	2.50	N	N	N	N	Y	F
F111AA00-02400MR	5.00	4.00	60.00	2	4.00	N	N	N	N	Y	F
F130AA00-04220MR	4.50	3.80	110.00	4	2.20	N	N	N	N	Y	F
F133AA01-09160H	7.00	4.65	100.00	9	1.60	N	N	N	N	Y	F
F133AA02-09160H	5.95	4.65	100.00	9	1.60	N	N	N	N	Y	F
F182AA00-02508MR	7.00	6.00	50.00	2	5.08	N	N	N	N	Y	F
F186AA00-05250H	6.60	5.60	110.00	5	2.50	N	N	N	N	Y	F
F205AA01-07250H	6.70	5.65	110.00	7	2.50	N	N	N	N	Y	F
F212AA01-02400H	6.00	5.00	65.00	2	4.00	N	N	N	Y	Y	F
F297AA01-02400MR	5.00	4.00	60.00	2	4.00	N	N	N	N	Y	F
H121M4-H12A350P	13.50	11.80	150.00	12	3.50	N	N	N	N	Y	F
H133M6-H05B300HT	6.93	5.93	110.00	5	3.00	N	N	N	Y	Y	F
H179M0-03D250M	6.30	5.20	110.00	3	2.50	N	N	N	N	Y	F
H255M1-03D250MR	7.40	5.90	60.00	3	2.50	N	N	N	N	Y	F
H284M1-03G250MR	5.50	4.50	110.00	3	2.50	N	N	N	N	Y	F
H299M3-H02D300MR	4.00	3.00	120.00	2	3.00	N	N	N	N	Y	F
H316M0-03C250MR	7.00	7.00	130.00	3	2.50	N	N	N	N	Y	F
H328M0-06C250NR	4.90	3.90	110.00	6	2.50	N	N	N	N	Y	F
H329M1-04E250MR	4.60	3.60	100.00	4	2.50	N	N	N	Y	Y	F
H336M0-04B250MR	9.50	8.50	120.00	4	2.50	N	N	N	N	Y	F
H361M0-02B250MR	6.20	5.50	60.00	2	2.50	N	N	N	N	Y	F