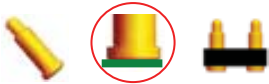


- Portable Electronic Products (Notebook, MP3, DSC, GPS, TV Game Peripherals...)
- Telecommunication Products (Cell phone, Two-Way Radio, Blue tooth...)
- Automotive (Car Stereo...)
- Medical Device (Hearing aids, Camera Pills, Surgical Instruments, Blood Analyzer...)
- Aerospace/Military Products

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

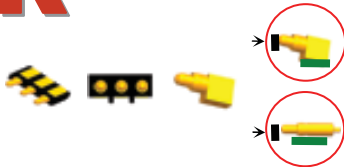


針軸尾部帶有定位針，與PCB板焊接時，不會發生偏移現象，定位效果佳。

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.

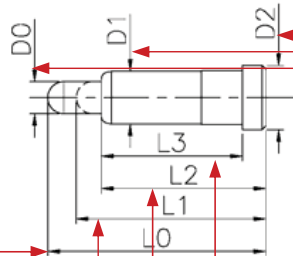
F Flat Type 平底式

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。其針軸底部為平底設計，易於與PCB板焊接。其針軸底部為平底設計，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 50-100μm Ni
- 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

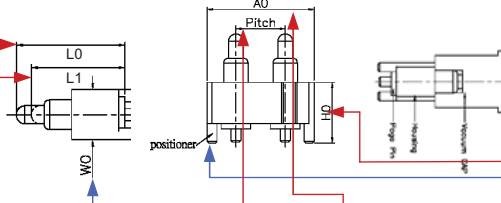


樣式說明
Type Introduction

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 50-100μm Ni
- 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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P Plug-in Type 插件式

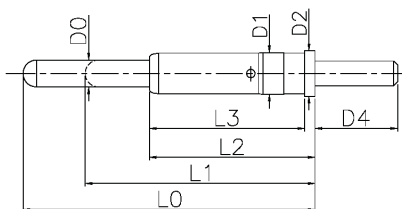


針軸尾部帶有定位針。與PCB板焊接時，不會發生偏移現象，定位效果佳。

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

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)	Tail length (D4)	Type
N050M0	4.75	3.95	90.00	3.50	2.80	0.80	1.25	2.00	0.40	P
N059M0	8.10	5.80	100.00	5.80	3.00	0.80	1.60	2.80	2.30	P
N027M9	8.70	7.70	110.00	7.50	5.80	1.00	1.51	1.80	0.60	P
N029M3	10.90	9.50	110.00	11.20	8.20	1.00	1.51	1.80	2.50	P
N003M0	11.40	10.40	100.00	6.30	5.50	0.90	1.60	1.90	2.40	P
N029M2	13.70	12.50	110.00	11.00	10.50	1.00	1.51	1.80	2.50	P
N021X0	14.10	11.10	130.00	8.00	7.50	1.30	2.01	2.20	4.00	P
N021X5	14.10	11.10	200.00	8.00	7.50	1.30	2.01	2.20	4.00	P
N029M1	15.50	13.50	130.00	11.00	10.50	1.00	1.51	1.80	2.50	P
N029M0	17.20	16.20	100.00	15.70	13.20	1.00	1.51	1.80	2.50	P
N089M0	5.50	4.50	110.00	4.00	4.00	1.00	2.00	1.51	1.40	P
N130M1	7.10	6.40	50.00	6.10	4.30	0.80	1.20	1.30	0.80	P
N153M0	7.20	5.70	80.00	8.05	4.90	0.90	1.50	1.50	3.15	P
H255M1	7.40	5.90	40-60	5.80	5.40	0.90	1.51	2.00	2.00	P
N130M0	7.65	6.95	35.00	6.00	4.45	0.50	0.90	1.00	0.55	P
N059M1	8.10	5.80	100.00	5.80	3.00	0.80	1.60	2.80	1.30	P
N059M5	8.25	6.75	65.00	5.95	2.90	0.76	1.70	2.80	2.55	P
N059M2	8.50	6.20	100.00	6.20	3.20	0.80	1.60	2.80	1.50	P
N065M0	9.20	7.93	240.00	7.10	4.90	1.05	1.93	2.40	1.20	P
N059M3	9.30	8.30	100.00	7.00	3.70	0.80	1.60	2.80	2.80	P
N164M0	4.50	3.50	110.00	3.25	2.45	0.90	1.50	1.90	6.00	P
N181M2	4.80	4.00	110.00	4.10	2.40	1.03	1.50	2.10	0.80	P
N160M0	5.50	4.10	140.00	4.00	4.00	0.90	1.50	1.50	2.00	P
N181M6	6.40	5.50	100.00	5.00	4.50	1.00	1.51	2.00	0.80	P
N181M8	6.70	5.80	100.00	6.10	4.80	1.00	1.50	2.00	0.80	P
N181M0	7.20	6.20	110.00	6.00	4.60	1.00	1.48	1.80	0.60	P
N181M4	8.70	7.70	110.00	7.50	6.20	1.00	1.48	2.00	0.80	P
N157M0	10.30	8.50	60.00	8.30	6.30	1.70	2.60	2.60	2.00	P
N153M2	10.70	9.70	80.00	9.20	3.70	0.90	1.52	1.52	5.50	P
N165M0	19.66	16.06	500.00	12.66	12.66	5.33	6.56	6.56	0.50	P
H008M0	4.20	3.60	140.00	2.80	2.30	0.90	1.30	1.40	0.80	P
H016M2	6.20	5.20	110.00	4.55	3.95	0.90	1.43	0.51	0.60	P
H024M0	6.40	5.50	100.00	5.00	4.50	1.00	1.50	2.00	0.80	P
H016M0	6.60	5.60	110.00	4.95	3.95	0.90	1.43	0.51	1.00	P
H024M2	6.70	5.80	100.00	5.30	4.80	1.00	1.50	2.00	0.80	P
N183M0	7.00	5.70	150-200	6.20	4.80	1.70	2.50	2.70	1.40	P
H051M0	7.10	5.90	150-200	5.30	5.30	1.70	2.70	2.50	1.00	P
H007M2	7.60	6.70	90.00	6.30	6.10	0.90	1.51	1.70	0.80	P
H007M0	9.10	8.20	90.00	7.85	5.00	0.90	1.48	1.10	0.80	P
N182M0	9.50	8.00	100.00	7.00	5.30	1.20	1.75	1.90	1.20	P
H134M0	3.50	3.00	50.00	2.30	0.50	0.80	1.25	2.50	0.50	P
H355M0	4.70	3.70	100.00	2.40	1.80	1.00	1.50	2.20	0.50	P
H324M0	5.20	4.15	70.00	3.05	2.65	1.07	1.50	1.83	0.65	P
H164M0	6.00	4.50	110.00	3.80	3.80	2.30	3.00	3.50	1.60	P
H066M0	7.20	6.10	80.00	5.50	3.00	0.90	1.90	1.50	2.50	P
H114M0	10.20	8.90	150.00	6.30	5.30	0.90	1.60	1.90	1.70	P
H114M1	10.20	8.90	150.00	6.30	5.30	0.90	1.60	1.90	1.70	P
H054M0	10.50	8.98	85.00	7.63	5.13	1.37	1.98	2.50	2.50	P
H150M0	11.50	8.00	130.00	7.30	7.30	1.20	1.57	1.90	1.70	P
H180M5	15.20	13.20	100.00	15.00	10.60	0.90	1.49	2.00	3.30	P

P Plug-in Type 插件式

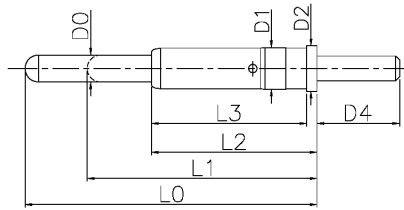


針軸尾部帶有定位針。與PCB板焊接時，不會發生偏移現象，定位效果佳。

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

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)	Tail length (D4)	Type
H203M0	5.40	3.80	400.00	3.60	3.10	0.90	1.51	1.90	0.50	P
H229M2	5.60	4.70	100.00	4.20	3.70	1.00	1.51	2.00	0.80	P
H229M1	5.70	4.70	80.00	4.30	3.95	1.00	1.51	1.80	0.80	P
H203M1	5.80	5.00	80.00	4.30	3.95	0.90	1.50	1.80	0.80	P
H181M3	6.50	5.70	100.00	5.50	3.90	0.90	1.51	2.00	0.80	P
H181M0	6.76	5.85	110.00	5.40	4.60	1.00	1.51	2.70	0.80	P
H181M2	7.50	6.70	100.00	6.00	5.20	0.90	1.51	2.00	0.80	P
H232M1	10.00	8.20	180.00	7.20	2.90	2.50	4.10	4.60	0.80	P
H184M0	10.20	8.70	90.00	7.50	7.50	1.00	1.51	2.00	3.60	P
H181M1	10.50	9.50	90-150	8.80	7.80	1.00	1.51	1.80	1.00	P
H308M0	4.50	3.50	110.00	3.25	2.45	0.90	1.50	1.90	6.00	P
H234M1	4.80	4.30	70.00	2.90	2.40	0.90	1.51	1.80	0.80	P
H247M0	4.90	4.10	50.00	3.00	1.80	0.90	1.30	1.60	0.60	P
H284M0	5.50	4.50	110.00	4.00	3.50	0.90	1.48	1.90	0.80	P
H022M0	7.30	6.30	110.00	5.90	5.70	0.90	1.48	1.10	0.95	P
H092M0	7.80	4.80	120.00	6.00	4.00	0.90	1.50	0.60	2.00	P
H046M0	9.00	7.80	100.00	7.10	6.30	1.00	1.95	1.00	0.80	P
H236M0	10.00	7.20	120.00	7.00	7.00	2.00	3.00	3.00	2.00	P
H237M0	10.00	7.20	120.00	7.00	7.00	1.20	2.00	2.00	2.00	P
H131M0	16.30	14.30	130.00	13.00	12.70	12.20	1.51	1.80	2.00	P
H166M0	4.00	2.85	110.00	2.50	2.50	1.00	1.48	1.80	2.50	P
H133M7	5.00	3.80	150.00	4.50	3.00	2.00	3.20	2.00	1.50	P
H133M0	5.80	4.80	120.00	4.00	4.00	0.90	1.50	1.50	2.50	P
N153M1	6.20	5.20	110.00	4.70	4.70	0.90	1.52	1.52	5.50	P
H256M0	7.60	6.60	110.00	6.10	5.30	1.00	1.48	1.80	0.80	P
N130M2	8.10	7.20	50.00	6.10	4.30	0.80	1.20	1.30	0.80	P
H180M0	11.10	9.60	35-55	8.50	8.50	1.00	1.51	2.00	10.70	P
H180M1	11.50	9.60	35-55	8.50	8.50	1.00	1.48	1.51	10.70	P
H121M4	11.80	9.50	150.00	8.80	7.30	1.00	1.47	1.80	1.70	P
H200M0	12.60	11.10	170.00	7.40	3.04	1.00	1.50	2.00	3.86	P
P0740AA00	7.40	6.40	120.00	4.40	4.10	1.00	1.50	1.00	2.00	P
P0900AA00	7.50	6.50	110.00	4.80	9.50	0.90	1.50	1.80	1.50	P
P095AA00	7.20	6.00	110.00	5.50	9.20	1.00	1.50	1.22	2.00	P
P114AA00	8.00	7.00	110.00	6.00	8.00	0.95	1.68	1.88	2.00	P
P117AA00	10.33	7.33	250.00	6.25	12.00	1.50	2.70	1.50	3.00	P
P118AA00	9.10	8.87	150.00	7.49	12.40	0.90	1.50	2.00	2.50	P
P121AA00	5.00	4.00	60.00	3.60	5.60	1.00	1.47	1.60	0.60	P
P1350AA00	12.00	10.00	130.00	9.00	2.70	1.00	1.50	1.00	1.50	P
P215AA01	5.70	5.00	110.00	3.20	8.20	0.90	1.50	1.50	2.50	P
P220AD01	6.80	5.60	100.00	5.30	8.80	1.30	1.80	1.00	2.00	P
P242AA01	9.90	7.40	100.00	7.60	14.40	0.90	1.70	0.80	4.50	P

P Plug-in Type 插件式

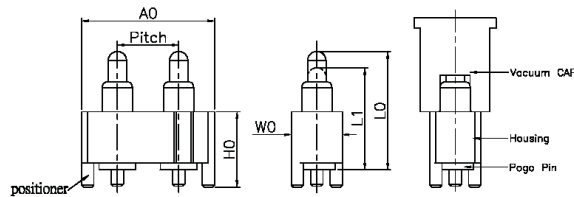


針軸尾部帶有定位針。與PCB板焊接時，不會發生偏移現象，定位效果佳。

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

**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 (LO)	Working Height (L1)	Spring Force ± 20%	Pin	Pitch	Housing Length (AO)	Housing Width (WO)	Housing Height (HO)	Positioner	cap	Type
H234M1-01A000CR	4.80	4.30	70.00	1	0.00	N	N	N	N	Y	P
H229M2-H01A000CR	5.60	4.70	100.00	1	0.00	N	N	N	N	Y	P
H024M0-01C000CR	6.40	5.50	100.00	1	0.00	N	N	N	N	Y	P
H024M2-01C000CR	6.70	5.80	100.00	1	0.00	N	N	N	N	Y	P
H181M0-H01A000CR	6.76	5.85	110.00	1	0.00	N	N	N	N	Y	P
H256M0-01A000CR	7.60	6.60	110.00	1	0.00	N	N	N	N	Y	P
N181M4-01C000CR	8.70	7.70	110.00	1	0.00	N	N	N	N	Y	P
H046M0-01C000CR	9.00	7.80	100.00	1	0.00	N	N	N	N	Y	P
H181M1-H01A000CR	10.50	9.50	90-150	1	0.00	N	N	N	N	Y	P
H203M1-H02B300MR	5.80	5.00	80.00	2	3.00	6.50	2.50	3.70	Y	Y	P
N181M0-02F300MR	7.20	6.20	110.00	2	3.00	5.50	2.50	2.00	N	Y	P
H022M0-02F300HR	7.30	6.30	110.00	2	3.00	5.10	2.50	2.00	N	N	P
H007M2-H02A360MR	7.60	6.70	90.00	2	3.60	6.40	2.50	2.20	N	Y	P
H007M0-H02A360MR	9.10	8.20	90.00	2	3.60	6.40	2.50	2.20	N	Y	P
H131M0-03B250HR	16.30	14.30	130.00	3	2.50	7.60	2.50	4.40	N	N	P
N105M9-04A375HR	9.50	8.50	120.00	4	3.75	16.97	4.22	7.35	N	N	P
H184M0-H04B250HR	10.20	8.70	90.00	4	2.50	17.50	6.00	6.50	N	N	P
H166M0-05B250HR	4.00	2.85	110.00	5	2.50	8.00	4.50	2.00	N	N	P
N050M3-05A250MR	4.40	3.40	80.00	5	3.00	15.00	3.00	2.00	Y	Y	P
H121M4-H08A350PT	11.80	9.50	150.00	8	3.50	21.84	9.00	8.00	N	N	P
H247M0-H12A220MR	4.90	4.10	50.00	12	2.20	13.20	5.00	1.60	Y	Y	P
H180M5-H14A254HT	15.20	13.20	100.00	14	2.54	45.00	7.90	10.78	N	N	P
H234M1-01A000CR	4.80	4.30	70.00	1	0.00	N	N	N	N	N	P
P024AA00-01000KR	7.60	6.60	110.00	1	0.00	N	N	N	N	N	P
P229AA02-01000CR	7.20	6.20	110.00	1	0.00	N	N	N	N	N	P
P099AA00-30250YT	8.80	7.50	40.00	30	2.50	47.50	6.90	N	N	Y	P
P110AA00-05250H	5.50	4.50	110.00	5	3.00	14.40	3.00	N	N	Y	P
P0620AA0002250RR	6.20	5.20	110.00	2	5.00	7.54	1.80	N	N	Y	P
R175AA02-04250RR	6.20	5.40	70.00	4	2.50	10.00	1.90	N	N	Y	P
P228AA01-03300RR	6.50	5.50	130.00	3	3.00	8.40	1.78	N	N	Y	P