

## About Us

SFENG was founded in 1984 and headquartered in Ningbo. It is a professional enterprise integrating research, development, production, and sales. ([custom brass test pin supplier china](#)) Products include in-circuit spring test probe, semiconductor spring test probe, battery charging pogo pin and the related accessories. Products are widely used in technology, automobiles, energy, telecommunications, medical, and other peripheral electronic products.

## Product Parameters

|                        |   |
|------------------------|---|
| <b>Model Number</b>    | <b>PV1-H-H M7-24.5</b>  |
| Materials and finishes | plunger□Brass,Au on Ni plated<br>Barrel□Brass,Au on Ni plated<br>Spring□SUS |
| Current Rating         | 30A   |
| Contact Resistance     | 50mΩ  |
| MOQ                    | 100pcs  |
| Lead time              | 7 working days after receiving the payment                                  |

## Product Details

Technical drawing of a probe pin assembly. The main view shows a cylindrical assembly with a diameter of  $\phi 9.0$  and a total length of 44.5. It features a spring with a diameter of  $\phi 2.0$  and a length of 7.0, and a plunger with a diameter of  $\phi 6.0$  and a length of 1.5. The assembly is threaded with M7\*0.75 and M5. A cross-section view shows a hexagonal base with a diameter of 7.0 and a central hole with a diameter of  $\phi 1.5$ .

**Materials(Plated) (材質與鍍層) :**  
 Barrel(針套) : Brass (黃銅) , Au on Ni Plated  
 Plunger(針軸) : Brass (黃銅) , Au on Ni Plated  
 Spring(彈弓) : SUS (不銹鋼線) , /

**Specifications (技術要求) :**  
 Current Rating (額定電流) : 30A  
 Contact Resistance (接觸電阻) :  $\leq 50m\Omega$

|      |     |           |             |       |
|------|-----|-----------|-------------|-------|
| 彈力規格 | 名稱  | 最大行程 (mm) | 壓縮行程        | 滿行程/g |
|      | 電流針 | 8.0       | 550 ± 15%/g |       |
| 彈力規格 | 名稱  | 最大行程 (mm) | 壓縮行程        | 滿行程/g |
|      | 電壓針 | 3.0       | 250 ± 15%/g |       |

|  |     |             |    |       |    |
|--|-----|-------------|----|-------|----|
| 名稱: PV1-H-H(9齒) M7-24.5                                |     |             |    | 勝峰科技  |    |
| 說明:<br>1. 所有尺寸單位為mm<br>2. 未註圖示尺寸公差: 按GB1804-79 11級精度執行 |     |             |    | 圖紙編號: |    |
| 設計   | 標準化 | 圖樣          | 標記 | 視圖    | 質量 |
| 校對   | 審定  | S           | A  | ⊕     | /  |
| 審核   | 制圖  | 共 1 頁 第 1 頁 |    |       |    |
| 工藝   | 日期  | 2023-6-27   |    |       |    |

## Our Service

1. We can reply your inquiry within 24 working hours.
2. Customized design is available and OEM are welcomed.
3. We can deliver the probe pins to our clients all over the world with speed and precision.
4. We can provide the lowest price with high quality product to our client

## Mains products

- 1.Spring loaded pin (single) for PCB, ICT, FCT testing etc;
- 2.Pogo pin (connector) to establish connection between two printed circuit boards for charging, locating , Battery, Semiconductor & Interconnect applications;
- 3.Double ended probe for BGA and Semiconductor testing;
- 4.Universal pin without spring, coating pin, LM pin with QZ and VZ series;
- 5.High current probe, Switch probe, Capacitance needle;

6. Terminal & receptacle /socket;

7. Other related electronic components, 30# OK wire, Jig locks, POM, Iron hinge etc

**If you require custom items, please feel free to send us inquiry for more solutions!**

## Production Flow



**1. Raw material warehouse**



**2. Lathe workshop**



**3. Assemble workshop**



**4. Quality inspection**



**5. Finished products**



**6. Packing**

## Quality Control



1. Agilent current testing



2. Quadratic element



3. Load Curve Meter



4. Bond Test



5. Life Fatigue Test



6. Microscope

## Certifications



2023 ISO Certificate



Patent for Coaxial Structure



Patent for Honeycomb current probe

## Logistics

Sample order ship by DHL, UPS, FedEx, TNT, EMS etc

For mass order delivery, can be optional with terms of Exwork, FOB, CNF, CIF by air or by sea based on the buyer's forwarder or ours



## FAQ:

### Q1.Are you a manufacturer?

A1: Yes, we are an experienced manufacturer with our own molds and production lines.

### Q2.How about quality of products?

A2: Our technicians and QC teams test the products one by one using aging line, professional devices and instruments to ensure the quality for all products.

### Q3.How about price?

A3: We are a manufacturer and always offer our customers the most competitive prices.

### Q4.How to place an order?

A4: Contact with online service, or sent email to us directly, we will reply to you with product price, specifications, packing etc. soon. Thank you.

**Q5.May I buy samples from you?**

A5: Yes! You are welcome to place sample order to test our superior quality and service, mixed samples are acceptable.

**Q6.Can I visit your factory?**

A6: Yes, welcome to visit our factory at your convenient time.

**Q7.How can I make OEM or ODM orders?**

A7: We have different print processing for different OEM/ODM orders. Please contact us with online service or send email to us directly.

**Q8. How should I pay for my orders?**

A8: You can pay by T/T, L/C at sight would be available for qualified bank and MOQ required for each order.