

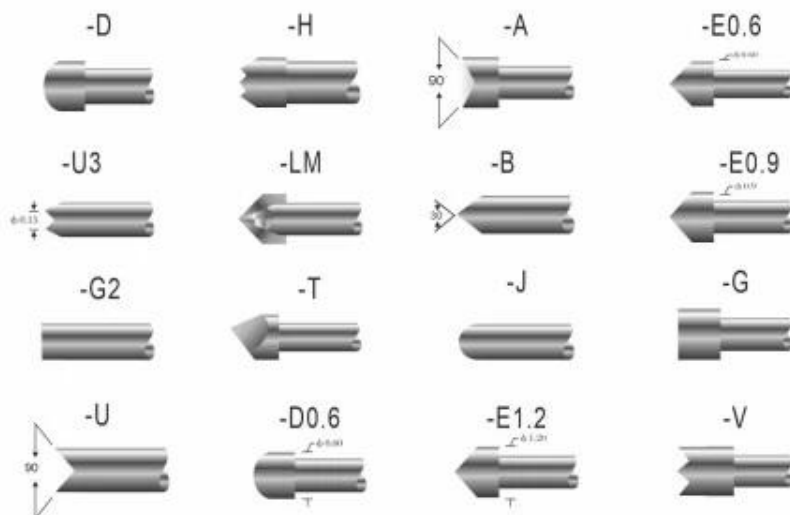
# About Us

SFENG was founded in 1984 and headquartered in Ningbo. It is a professional enterprise integrating research, development, production, and sales.[\(ICT Test Probes manufacturer\)](#)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

Model Number	SF-P50
Recommended minimum center	1.27mm±.0500"
Mounting hole size	V:0.90mm±.0354" W:0.95mm±.0374"
Full travel	2.5±.0984"
Spring force	100g
Materials and finishes	plunger±SK4,Rh plated Barrel±Phosphor bronze,Gold plated Spring±Music wire,Gold plated
Current ration	1.5A
Contact resistance	50mΩ
MOQ	100pcs
Lead time	7 working days after receiving the payment

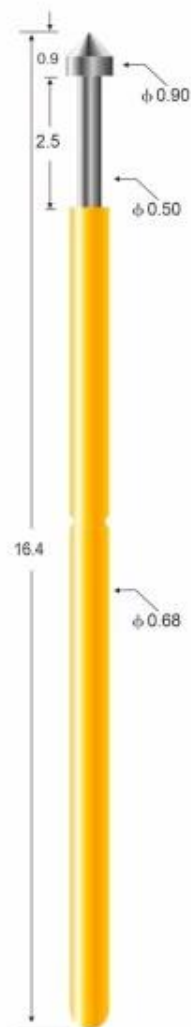
# Product Details



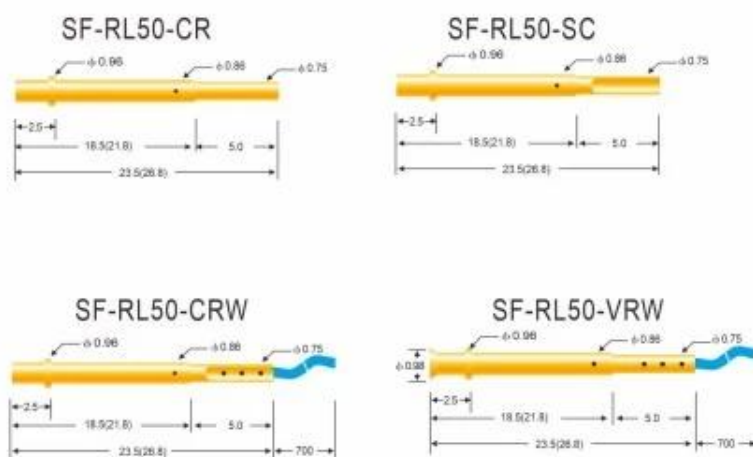
## 技术规格 PROBE SPECIFICATIONS

Recommended minimum center 最小间距	1.27mm(.0500 " )
Mounting hole size 钻孔尺寸	V: 0.90mm(.0354 " ) W: 0.95mm(.0374 " )
Full travel 行程	2.5(.0984 " )
Spring force 弹簧压力	100g(克)
Materials and finishes 材料及涂饰	Plunger:SK4, Ni or Au plated BeCu, Ni or Au plated Barrel:Phosphor bronze, Au plated Spring:Stainless steel
Current ration 额定电流	1.5A(安培)
Contact resistance 接触电阻	50mΩ(毫欧姆)

Receptacle specifications  
Materials and finishes: Phosphor bronze,Gold plated



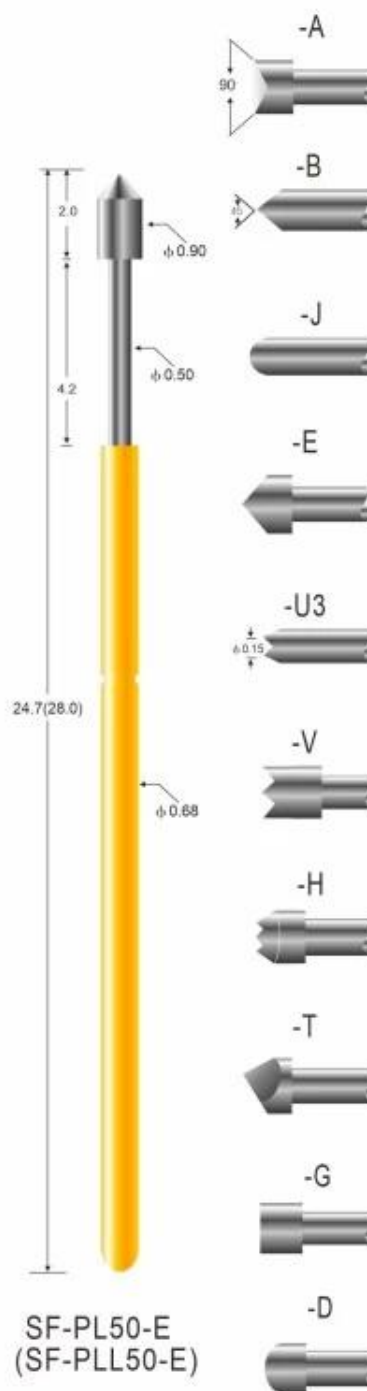
SF-P50-E



## 技术规格 PROBE SPECIFICATIONS

Recommended minimum center 最小间距	1.27mm(.0500 " )
Mounting hole size 钻孔尺寸	V: 0.90mm(.0354 " ) W: 0.95mm(.0374 " )
Full travel 行程	4.20(.1654 " )
Spring force 弹簧压力	120g(克)
Materials and finishes 材料及涂饰	Plunger:SK4, Ni or Au plated BeCu, Ni or Au plated Barrel:Phosphor bronze, Au plated Spring:Stainless steel
Current ration 额定电流	3A(安培)
Contact resistance 接触电阻	50mΩ(毫欧姆)

Receptacle specifications  
Materials and finishes: Phosphor bronze,Gold plated



## 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**

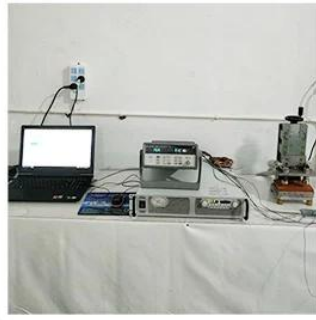


**5. Finished products**

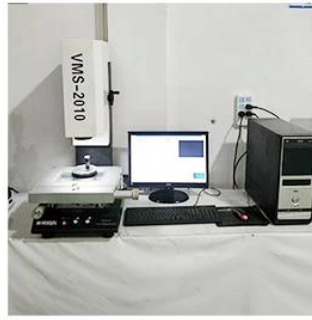


**6. Packing**

## 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.