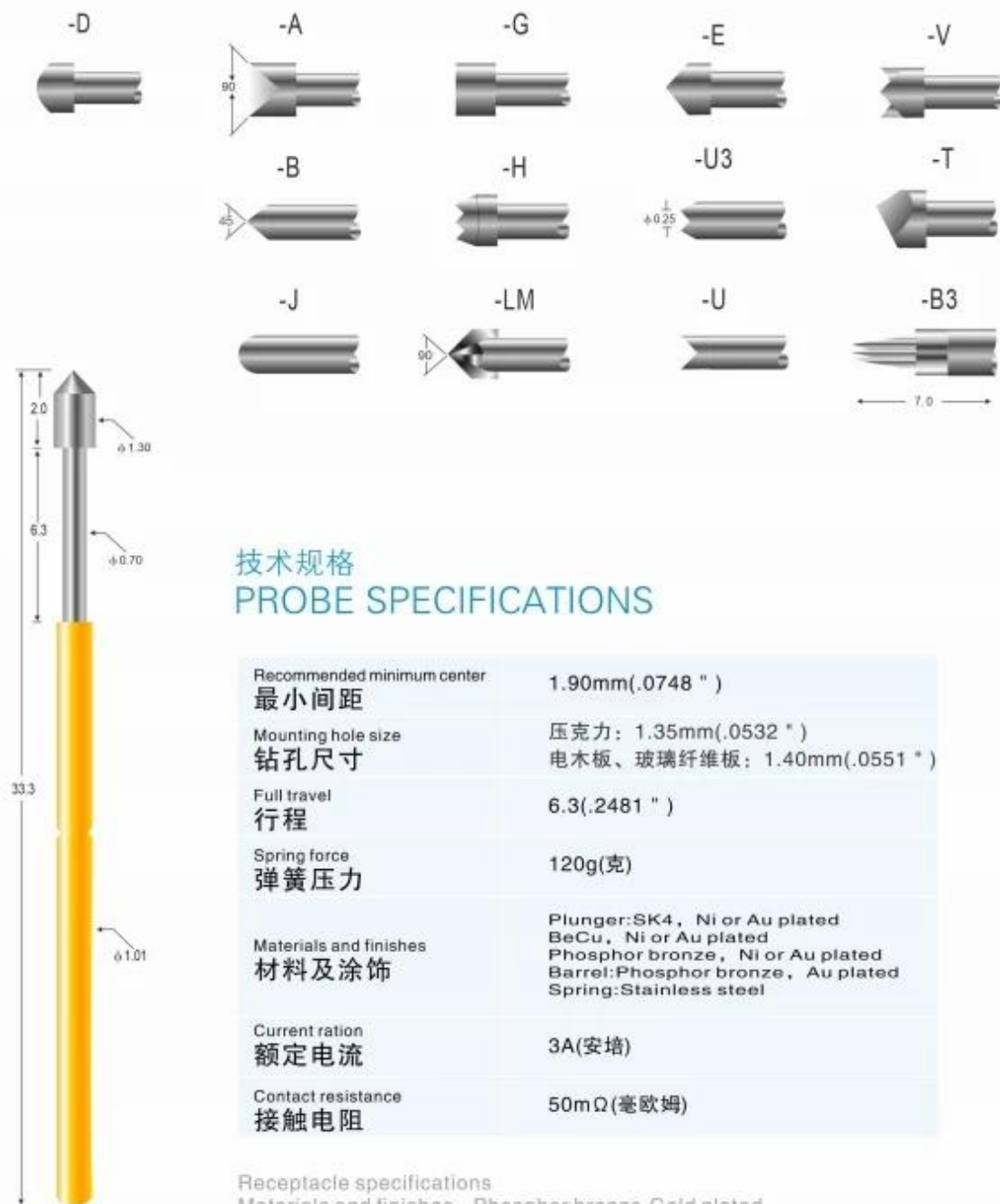


## **About Us**

SFENG was founded in 1984 and headquartered in Ningbo. It is a professional enterprise integrating research, development, production, and sales. ( [\*\*ICT Probe Manufacturer Produces ICT Test Probe\*\*](#)) 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 Specification:**



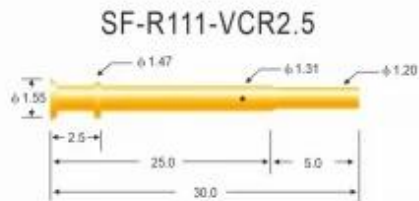
## 技术规格 PROBE SPECIFICATIONS

Recommended minimum center 最小间距	1.90mm(.0748 " )
Mounting hole size 钻孔尺寸	压克力: 1.35mm(.0532 " ) 电木板、玻璃纤维板: 1.40mm(.0551 " )
Full travel 行程	6.3(.2481 " )
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 Phosphor bronze, 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	50m $\Omega$ (毫欧姆)

Receptacle specifications  
Materials and finishes: Phosphor bronze,Gold plated

SF-P111-E

## 技术规格 PROBE SPECIFICATIONS



Recommended minimum center  
最小间距

1.90mm(.0748 ")

Mounting hole size  
钻孔尺寸

压克力: 1.35mm(.0532 ")  
电木板、玻璃纤维板: 1.40mm(.0551 ")

Materials and finishes  
材料及涂饰

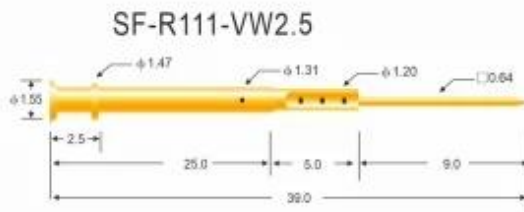
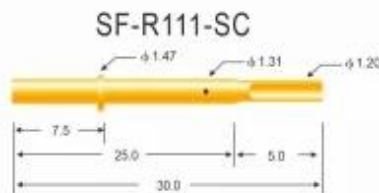
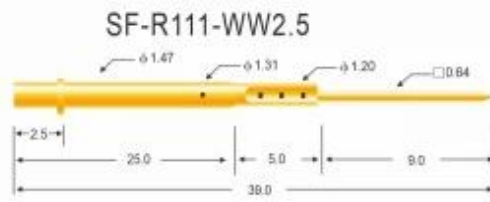
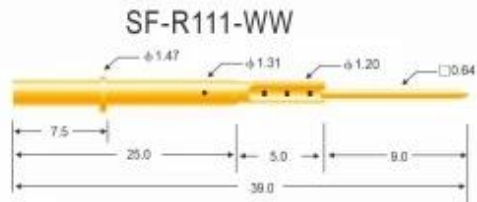
Barrel: Brass, Au plated

Connections  
接线形式

Crimp: R111-VCR2.5, R111-CR  
Solder cup: R111-VSC2.5, R111-SC  
Wire wrap:  
R111-VW2.5, R111-WW2.5, R111-WW  
Terminal:

Receptacle specifications

Materials and finishes: Phosphor bronze, Gold plated



### Product Parameters:

Model Number	SF-P111
Recommended minimum center	1.90mm□.0748"□
Mounting hole size	Acrylic:1.35mm□.0532"□ Bakelite□fiberglass board:1.40mm□.0551"□
Full travel	6.30□.2481"□

Spring force	120g
Materials and finishes	plunger□Be Cu,Rh plated Barrel□Brass,Gold plated Spring□Stainless steel
Current ration	3A
Contact resistance	50mΩ
MOQ	100pcs
Lead time	7 working days after receiving the payment

## 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

## Main 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, B attery, 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!**

## Package:



***Production Flow***



**1. Raw material warehouse**



**2. Lathe workshop**



**3. Assemble workshop**



**4. Quality inspection**

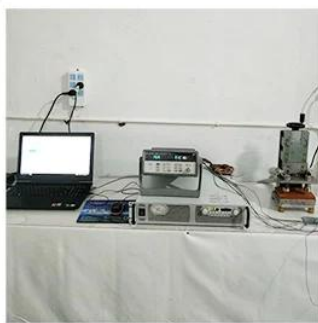


**5. Finished products**

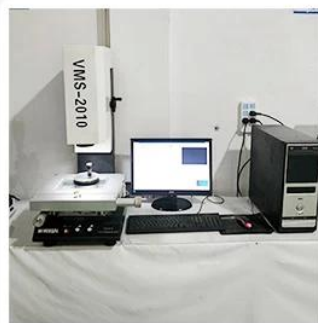


**6. Packing**

## Quality Control



**1. Agilent current testing**



**2. Quadratic element**



**3. Load Curve Meter**



**4. Bond Test**



**5. Life Fatigue Test**



**6. Microscope**



## 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.

## 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



## Certifications





2023 ISO Certificate



Patent for Coaxial Structure



Patent for Honeycomb current probe

## Factory Show:









**Exhibition & Fair**





CIBF2021

苏州胜亿福睿电子科技有限公司  
Suzhou Shengyifurui Electronic Technology Co., Ltd

No.3B013

