

About Us

SFENG was founded in 1984 and headquartered in Ningbo. It is a professional enterprise integrating research, development, production, and sales.([China ict/fct standard 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 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	6.3±.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

Product Details



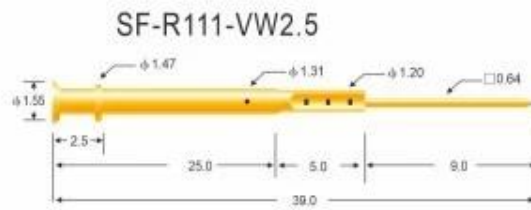
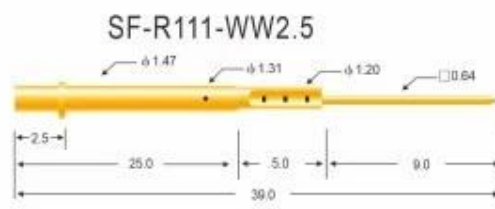
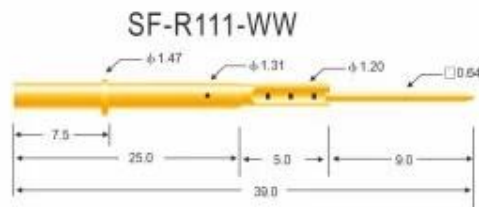
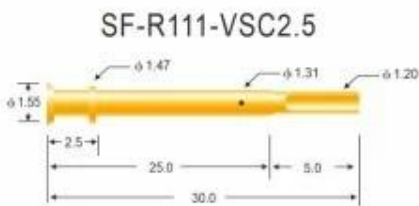
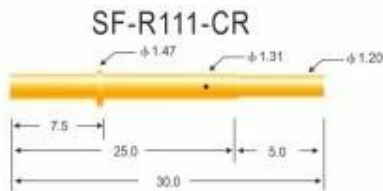
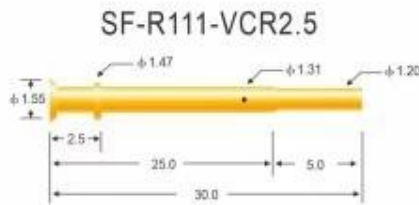
SF-P111-E

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 ")
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	50mΩ(毫欧姆)

Receptacle specifications
Materials and finishes: Phosphor bronze,Gold plated

技术规格 PROBE SPECIFICATIONS



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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

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

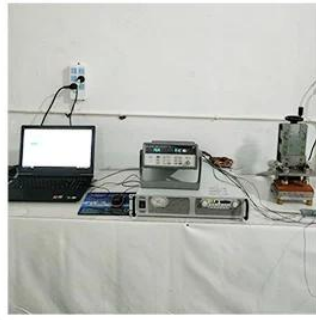


5. Finished products

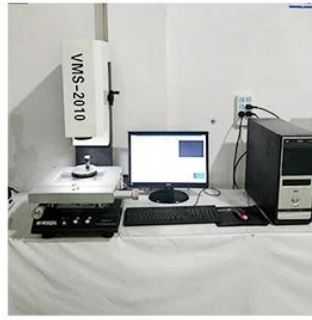


6. Packing

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.