

## Specifications

Brand	SFENG
Model	Switching probe SF-KP1.65*44.6-J (round tip)
Plunger	Beryllium Copper
Body	Brass
Spring	Music wire
Spring force	300g□10.8oz□ or 200g (7.2 oz) or 100g (3.6 Oz)
Full travel	5.0mm
Switch path	1.5±0.2mm
Current Resistance	10 mΩ
Tips	Plastic flat, Cup, Flat
Closing version	NO
MOQ	100
delivery time	15 Days after confirming order

## Product Image

**SFENG**

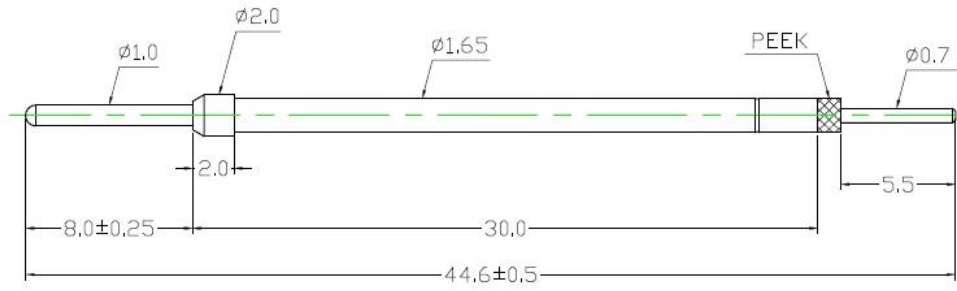
The China's The World's



**SFENG**  
The China's The World's



*Switching test probe drawing*



Specifications (技术要求):

Full Stroke (满冲程) : 5.0mm  
 Rated Stroke (额定冲程) : 4.0mm  
 Spring Force (额定弹力) : 300 ± 20%gf@ load 4.0mm  
 Switching Path (开关距离) : 1.5 ± 0.2mm

Materials (plated) (材質與鍍層):

Barrel (針套) : Ph (磷銅) , Au on Ni Plated  
 Plunger (針軸) : BeCu (铍铜) , Au on Ni Plated  
 Tail pin (尾针) : BeCu (铍铜) , Au on Ni Plated  
 Spring (彈弓) : SWP (琴线) , Au on Ni Plated

				名称: SF-开关针1.65X44.6-J1.0				胜峰科技			
								说明: 1. 所有尺寸单位为mm 2. 未注图示尺寸公差:按GB1004-79 11级精度执行			
标记	处数	更改文件号	签字	日期	图样	标记	视图	质量	比例	图纸编号:	
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审核			日期	2022-9-7							
工艺											

**Our factory**



## ***Main products***

Spring-loaded pin (single) of PCB, ICT, FCT testing;

Spring pin (connector) to establish a connection between two printed circuit boards for charging, positioning, batteries, semiconductors and amplifiers; interconnect applications;

BGA and semiconductor test double-ended probe;

Universal pin no spring, paint needle, LM pin QZ and VZ series;

High current probe, the probe switches, capacitors needle;

Pier and amplifier; socket / socket;

Other related electronic components, 30 # OK line, jig lock, POM, iron hinges, etc.

## ***Production process***





**1. Raw material warehouse**



**2. Lathe workshop**



**3. Assemble workshop**



**4. Quality inspection**

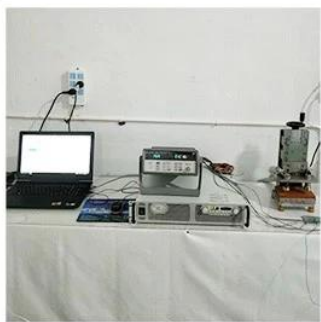


**5. Finished products**

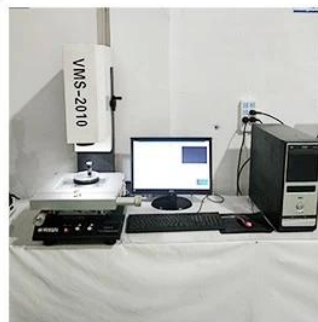


**6. Packing**

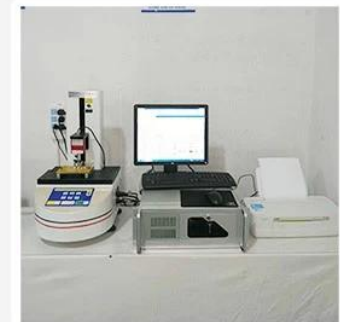
## *Testing equipment*



**1. Agilent current testing**



**2. Quadratic element**



**3. Load Curve Meter**



**4. Bond Test**



**5. Life Fatigue Test**



**6. Microscope**

## *Packing & delivery*

Standard products will be delivered out within 3 days. Customized products will be sent out within 15 days.

