

normally open spring contact probes switch probe SF-2.1*45.0-A

[SWITCH PROBE INTRODUCTION](#)

A [Switch Probe](#) is a spring contact probe and receptacle combination that is normally open, and after a designated travel the [switch probe](#) closes. The most common use for switch probes is in the cable harness testing industry. The switch probe is used to verify the correct location of a terminal in a connector while checking the retention force as well.

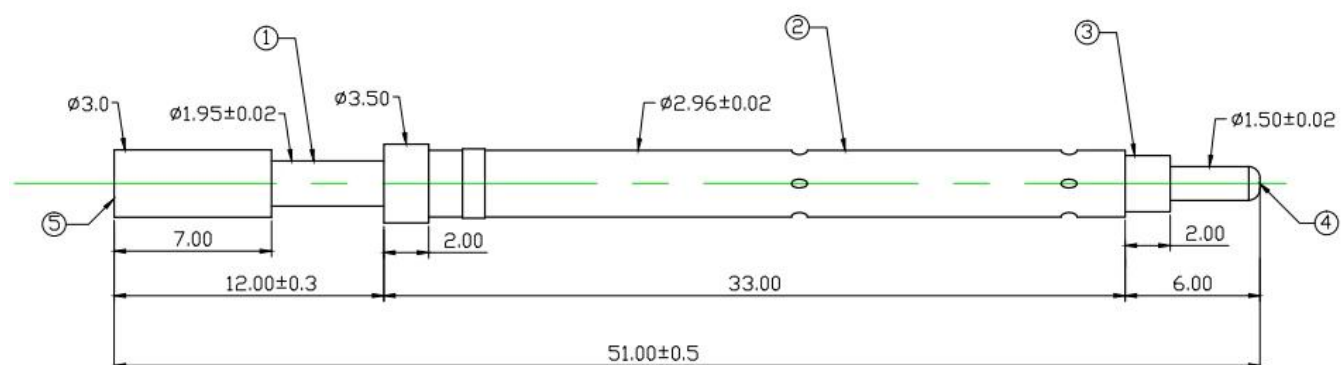
Switch probes also verify the presence of nonconductive components such as caps for connectors or devices on a circuit board. SFENG probes can offer different standard sizes of switch probes.

SWITCH PROBE Specification

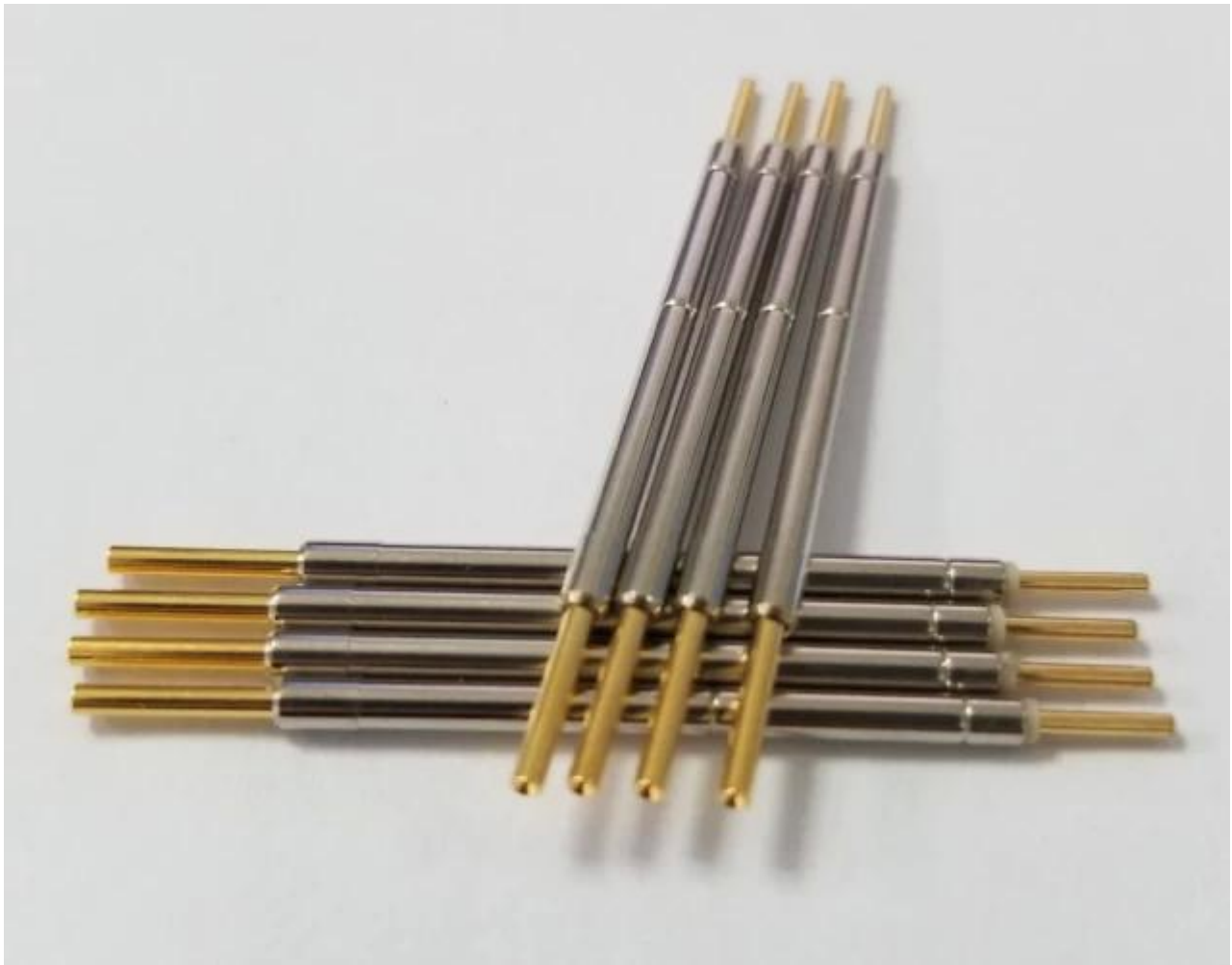
Switch probe model	SF-2.1x45.0-A
Plunger material	Ph, Gold plated
Barrel material	Brass, Au on Ni plated
Tail Pin	Ph, Gold plated
Switching Path	1.5mm
Full stroke	3.5mm
Spring force	980g \pm 20%
Switch probe condition	normally open

Providing kinds of spring pogo pin solutions to satisfy different testing environment. We can produce according to your needs or design drawings or samples so if you have this demand please send us the drawings or samples you have we will quote for you ASAP.

Product drawing



***SWITCH PROBE Image**



***SFENG OTHER PRODUCTS**

- a.Spring loaded pin (single) for PCB, ICT, FCT testing, etc
- b.Pogo pin (connector) to establish a (usually temporary) connection between two printed circuit boards for charging
- c.Double ended probe for BGA & semiconduction testing;
- d.Universal pin without spring, coating pin, LM pin with QZ & VZ series;
- e.High current probe, Switch probe, Capacitance needle
- f.Terminal & receptacle/ socket;
- h.Other related electronic components, 30# OK wire, Jig locks, POM, Iron hinge, etc.

***FACTORY SHOW**

