

SKS 100

Switching Probe
Closing version (NO)

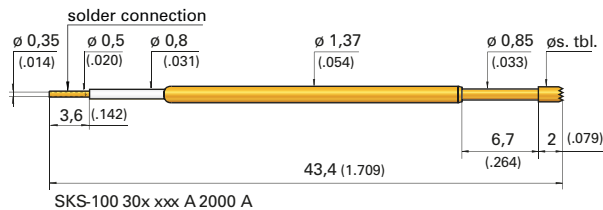
Grid:

≥ 2,54 mm

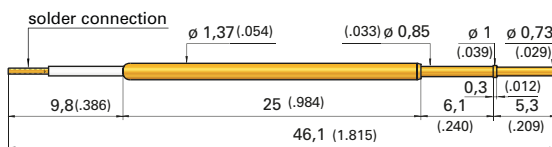
≥ 100 Mil

Installation height with KS: 16,4 / 19,1 mm (.646/.752) / variable
Switch path: 4,0 mm (.157)

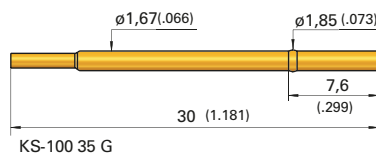
Mounting and functional dimensions



SKS-100 30x xxx A 2000 A



SKS-100 352 073 A 2000 A



KS-100 35 G

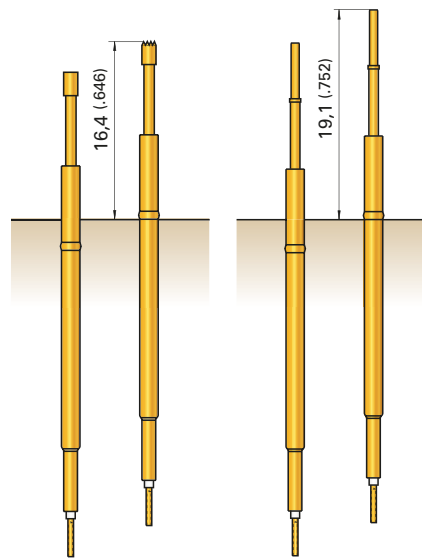
Available tip styles

Material	Tip style	Plating	Further versions	
			ϕ	ϕ (inch)
0 02		ϕ 1,30 (.051)	A	
3 02		ϕ 1,00 (.039)	A	
3 06		ϕ 1,00 (.039)	A	
3 52		ϕ 0,73 (.029)	A	

Collar height and installation height

To adjust the installation height receptacles with a press-ring are used. The receptacles can be inserted up to the press-ring or with the press-ring pressed into the mounting hole.

Tip style	Installation height with KS (inch)	Maximum stroke (inch)
02	16,4 mm (.646) / var.	6,3 mm (.248)
06	19,1 mm (.752) / var.	6,0 mm (.236)



SKS-100 X02 100 ...
SKS-100 306 100 ...
in KS-100 35 G

SKS-100 352 073 ...
in KS-100 35 G

Mechanical data

Switch path: 4,0 mm (.157) $\pm$ 0,2 (.008)
 Recomm. working stroke: 5,0 mm (.197)
 Maximum stroke: 6,0 mm (.236)
 resp. 6,3 mm (.248), see table
 Spring force at switch. point: 1,0 N (3.6oz)
 Spring force at work. stroke: 2,0 N (7.2oz)

Materials

Plunger: BeCu, gold-plated
 Barrel: Bronze, gold-plated
 Spring: Steel, gold-plated
 Receptacle: Nickel-silver, gold-plated
 Contact terminal: Brass, gold-plated
 Insulator: Peek

Warning:

Do not solder the cable to the crimp points of the receptacle.

Electrical data

Current rating: 3 A
 (see page 100)

Operating temperature

Standard: -40° up to +80° C

Mounting hole size

When press-ring is pressed into the mounting hole
 in CEM1 and FR4: ϕ 1,70 - 1,75 mm (.0669 - .0689)

press-ring as a collar-stop

in CEM1: ϕ 1,68 - 1,69 mm (.0661-.0665)
 in FR4: ϕ 1,69 - 1,70 mm (.0665-.0669)

Ordering example

	Series	Tip material 0 = Delrin 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold	Spring force at working stroke (dN)	Collar height (mm)	Type
Test probe:	SKS	100	3	06	100	A	20	00 A
Receptacle:	KS-100	35 G						