

SKS 100

Switching Probe
Closing version (NO)

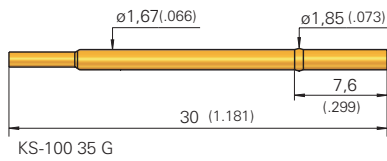
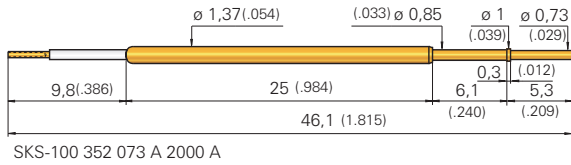
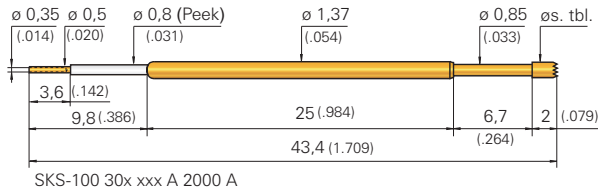
Grid:

≥ 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



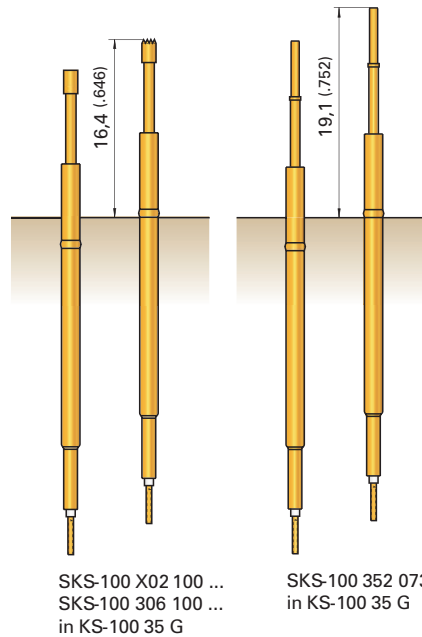
Available tip styles

Material	Tip style	Plating	Further versions	
			∅	∅ (inch)
0 02		A		
3 02		A		
3 06		A		
3 52		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)



Mechanical data

Switch path: 4,0 mm (.157) ± 0,2 (.008)

Recomm. working stroke: 5,0 mm (.197)

Maximum stroke: 6,0 mm (.236)
resp. 6,3 mm (.248)

Spring force at switch. point: 1,0 N (3.6oz)

Spring force at work. stroke: 2,0 N (7.2oz)

Electrical data

Current rating: 3 A
(see page 100)

Operating temperature

Standard: -40° up to +80° C

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.

Mounting hole size

When press ring is pressed into the mounting hole

in CEM1 and FR4: ∅ 1,70 - 1,75 mm
(.0669 - .0689)

press ring as a collar-stop

in CEM1: ∅ 1,68 - 1,69 mm (.0661-.0665)

in FR4: ∅ 1,69 - 1,70 mm (.0665-.0669)

Ordering example

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

Test probe:

Receptacle: