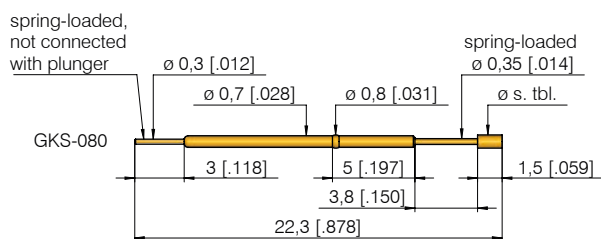


Grid:
 $\geq 1,00 \text{ mm}$
 $\geq 40 \text{ Mil}$

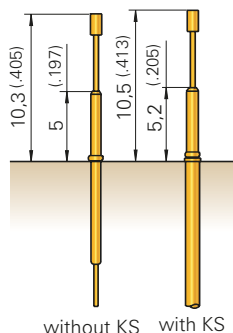
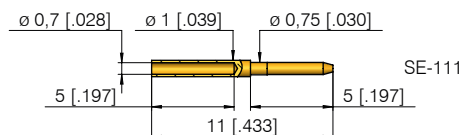
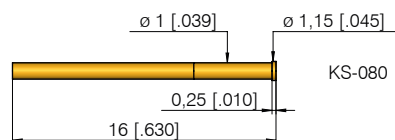
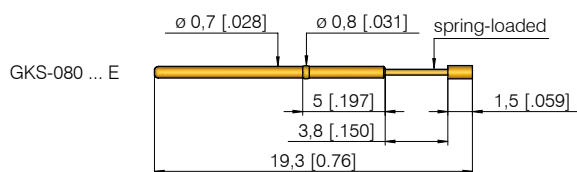
Installation height with KS: 10,5 mm (.413)
 Recommended stroke: 3,0 mm (.118)

Mounting and functional dimensions

without receptacle



with receptacle



Collar height and installation height

The installation height of the tip (dimension without KS) is defined by the collar height of the test probe.

Collar height: 05
 Installation height: 10,3 mm (.405)
 (without receptacle)

Mechanical data

Working stroke: 3,0 mm (.118)
 Maximum stroke: 3,8 mm (.150)
 Spring force at work. stroke: 0,8 N (2.9oz)

Materials

Plunger: BeCu, gold-plated
 Barrel: Brass, gold-plated
 Spring: Steel, gold-plated
 Receptacle: Brass, gold-plated

Electrical data

Current rating: 3 A
 R_i typical: $< 20 \text{ m}\Omega$

Operating temperature

Standard: -40° up to $+80^\circ \text{ C}$

Mounting hole size

with receptacle:
 in CEM1: $\varnothing 0,98 - 1,00 \text{ mm}$ (.0386 - .0394)
 in FR4: $\varnothing 0,99 - 1,00 \text{ mm}$ (.0390 - .0394)
 without receptacle:
 in CEM1 and FR4: $\varnothing 0,70 \text{ mm}$ (.0276)

Note:

When using receptacles choose probe version GKS-080 ... E (version without solder cup).

The receptacle can be used from grid size 1,27 mm (50 Mil) upward.

Available tip styles				
Material		Tip style	Plating	Further versions
				$\varnothing$ $\varnothing$ (inch)
3	01		A	
3	02		A	
3	03		A	
3	04		A	0,50 (.020)
3	05		A	
3	08		A	

Fine Pitch

Ordering example

	Series	Tip material 3 = BeCu	Tip style	Tip diameter (1/100 mm)	Plating A = Gold	Spring force (dN)	Collar height (mm)	Special designation ("E")
Test probe:	G K S	0 8 0	3	0 1	0 3 5	A	0 8	0 5
Receptacle:	K S	-	0 8 0					
Plug for receptacle:	S E	-	1 1 1					