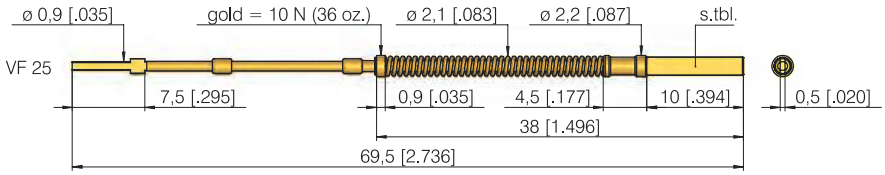
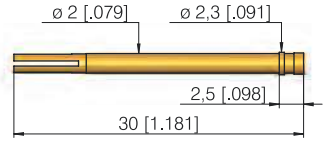
VF 25

Push-back Probe

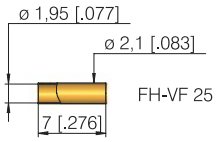
Grid:
≥ 2,54 mm
≥ 100 Mil
Installation height with KS: 40,5 mm (1.594)
Recommended stroke: 5,0 mm (.197)

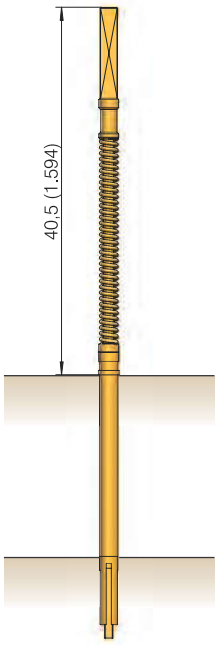
Mounting and functional dimensions





KS-VF 25
also available pre-wired with wire AWG 34 (0,2m): KS-VF 25 V, minimal recommended bending radius: 10 mm (.394)





Available tip styles

Material	Tip style		Plating	Further versions ∅	Further versions ∅ (inch)
2	03	∅ 2,20 (.087)	A		
2	29 *	2,5 / 0,8 — 258	A		
2	29 *	1,9 / 0,3 — 193	A		

Note:*
The flat surface on the plunger tip is aligned with the flat surface on the rear of the plunger.

Assembly Notice:**
The patented design allows the test probe (consisting of plunger and spring) to be easily exchanged when necessary, as follows:

- press the plunger into the receptacle until it reaches its limit
- turn the plunger 90°
- release the plunger

In order to stabilise the test probe and to avoid damage to the receptacle during mounting and dismounting, we recommend that either an additional guide plate be inserted underneath, or that the guide bush FH-VF 25 be attached to the end of the recepatcle after mounting, and subsequently soldered to secure it.

Installation height

Installation height:	40,5 mm (1.594)

Mechanical data

Working stroke:	5,0 mm (.197)
Maximum stroke:	6,0 mm (.236)
Spring force at work. stroke:	10 N (36oz); 15 N (54oz)
Interchangeable stroke:	> 6,0 mm (.236)

Materials

Plunger:	Steel, gold-plated
Spring:	Steel, gold-plated
Receptacle:	Bronze, gold-plated

Electrical data

Current rating:	5 A
R_i typical:	< 50 mΩ

Mounting hole size

in CEM1 and FR4:	∅ 2,00 mm (.0787)

Operating temperature

Standard:	-40° up to +80° C

Ordering example

	Series	Tip material 2 = Steel	Tip style	Tip Diameter (1/100 mm) (spade width)	Plating A = Gold	Spring force (N)
Test probe:	VF25	2	29	193	A	150
Receptacle:	KS-VF25					
Receptacle (pre-wired with 0,2 m wire AWG 34):	KS-VF25V					
Guide bush:**	FH-VF25					