

VF 25

Push-back Probe

Grid:

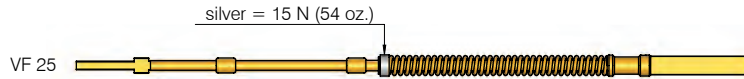
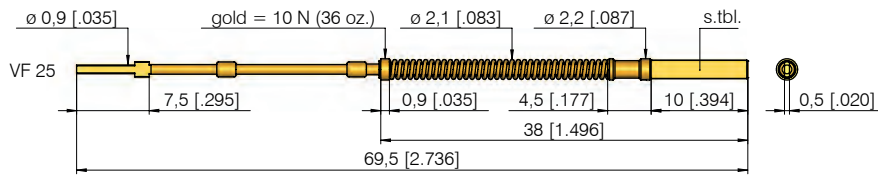
≥ 2,54 mm

≥ 100 Mil

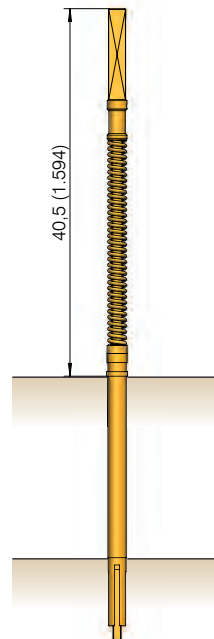
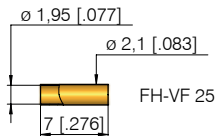
Installation height with KS: 40,5 mm (1.594)

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	
			Ø	Ø (inch)
2	03	Ø 2,20 (.087)	A	
2	29 *	258	A	
2	29 *	193	A	

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)

Electrical data
Current rating: 5 A
R_j typical: < 50 mΩ

Operating temperature
Standard: -40° up to +80° C

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

Mounting hole size
in CEM1 and FR4: Ø 2,00 mm (.0787)

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 receptacle after mounting, and subsequently soldered to secure it.

Ordering example

	Series	Tip material 2 = Steel	Tip style	Tip Diameter (1/100 mm) (spade width)	Plating A = Gold	Spring force (N)
Test probe:	V F 2 5	2	2 9	1 9 3	A	1 5 0
Receptacle:	K S - V F 2 5					
Receptacle (pre-wired with 0,2 m wire AWG 34):	K S - V F 2 5 V					
Guide bush:**	F H - V F 2 5					