



Standard Switch Probe 100 mil Opener (NC)

F873

Centers (mm/mil)	2,54 / 100
Current	5,0 A
Current (Switch)	1,0 A
Temperature	-20°C...+80°C
R typically	65 mOhm

Spring Force (cN ±20%)

Preload	Nominal Force
50	250

Travel (mm)

Nominal	Maximum
4,0	5,0
Switch Travel (mm)	1,5
Thread (M)	1,6
Wrench Size	1,7
Pointing Accuracy	±0,08 mm

Materials and Plating

Plunger	see Tip Style
Barrel	Brass, gold plated
Spring	Music wire, silver plated
Receptacle	Brass, Gold plated

Accessories

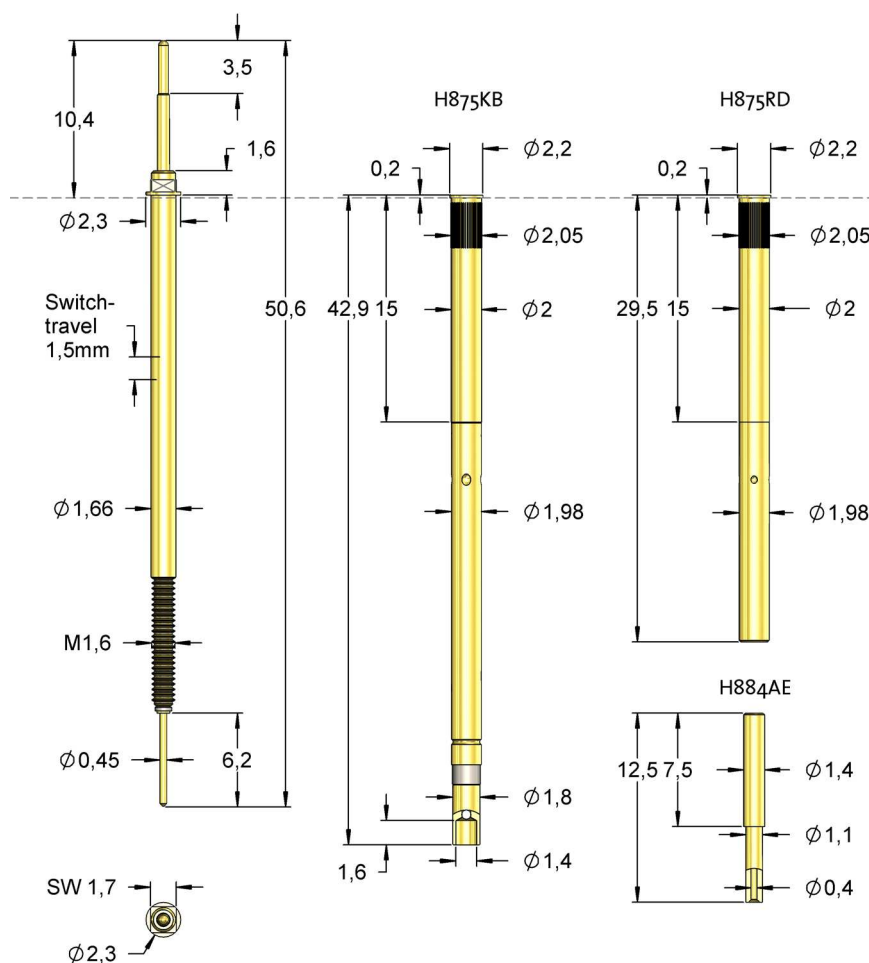
Insertion tool receptacle	FEWZ-772E0
Screw-in tool probe	FWZ732 (T) max. Ø 2,0 mm
Screw-in tool probe	FWZ732S1 (T1) max. Ø 2,7 mm

Drill Size [mm]

Receptacle without knurl	1,99 - 2,00
Receptacle with knurl	2,00 - 2,02

Projection Height

(F873) H875 / H875RD / H875KB	10,4
(F873) H875/5 / H875KB/5	15,2



M 1:1



Type	Tip-Ø	Spring Force
F 873 16 B 100 G 250		
Tip Style	Material	Finish
Material:	B = BeCu	
Tip-Ø:	100 = 1,0 mm (e.g.)	
Finish:	G = Gold	
Receptacle:	Order Code according drawing	
ORDER EXAMPLE		

Tip Style	Number	Material	Plating	Ø in mm	Version
	11	B	G	0,64	-
	16	B	G	1,0	-

Receptacles for Switch Probe Families F875, F873 und F375

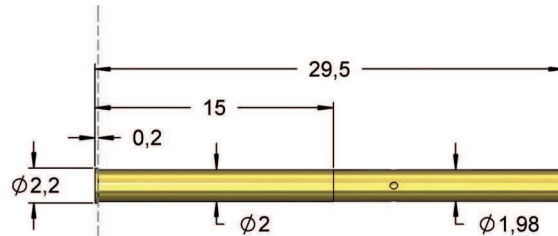
H875

Receptacle H875

This receptacle allows variable projection height:

F873: 10,4 – 15,4 mm F875: 10,4 – 15,4 mm
F375: 15,0 – 20,0 mm F875 ... L: 16,9 – 21,9 mm

Material: Brass, Gold plated

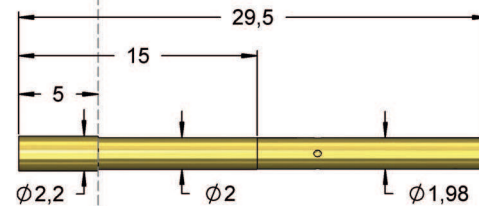


Receptacle H875/5

The receptacle H875/5 has a 5mm collar for extended projection heights:

F873: 15,2 – 20,2 mm F875: 15,2 – 20,2 mm
F375: 19,8 – 24,8 mm F875 ... L: 21,7 – 26,7 mm

Material: Brass, Gold plated

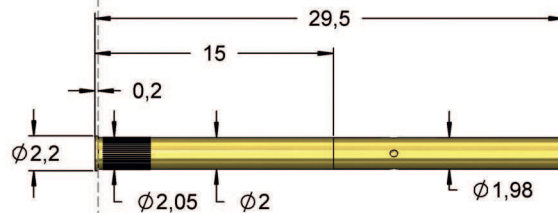


H875RD

The receptacle H875RD has the same dimensions as H875, but with knurling for proper seat.

F873: 10,4 – 15,4 mm F875: 10,4 – 15,4 mm
F375: 15,0 – 20,0 mm F875 ... L: 16,9 – 21,9 mm

Material: Brass, Gold plated

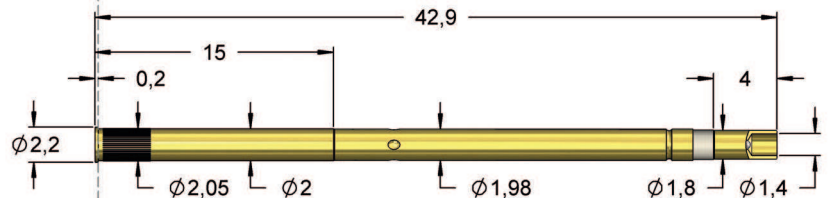


Receptacle H875KB - for solderless exchange

By usage of the combi-receptacle H875KB the switch probes can be replaced solder less, saving time and cost for maintenance. Max. solder temperature 300°C. The projection height is also variable as for H875:

F873: 10,4 – 15,4 mm F875: 10,4 – 15,4 mm
F375: 15,0 – 20,0 mm F875 ... L: 16,9 – 21,9 mm

Material: Brass, Gold plated



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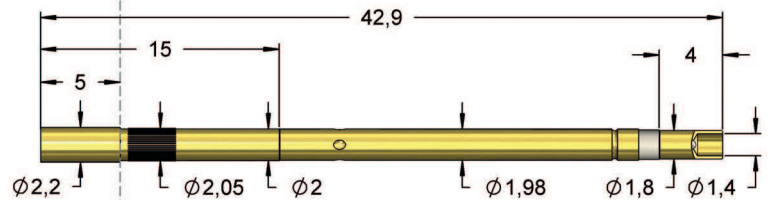
Receptacle H875KB /5 -for solderless exchange

This receptacle has the same design like H875KB, but with a 5 mm collar for extended projection height.

F873: 15,2 – 20,2 mm F875: 15,2 – 20,2 mm
F375: 19,8 – 24,8 mm F875 ... L: 21,7 – 26,7 mm

Solder temperature: max. 300 °C

Material: Brass, Gold plated

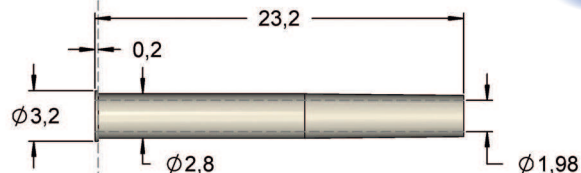


AIRTIGHT

Insulating Sleeve H875IS

By usage of the insulating sleeve H875IS an insulated assembly of probes within conductive materials is possible (e.g. at steel). Maximum temperature: 300°C. Due to the sleeve collar the projection height is increase by 0,2 mm.

Material: PEEK



Drill Size [mm]

Receptacle without knurl	1,99 - 2,00
Receptacle with knurl	2,00 - 2,02

For insertion of the receptacles
tool FEWZ-772E0 can be used.