



# F075

## Probe 75 mil Standard

<b>Centers (mm/mil)</b>	1,90 / 75
<b>Current</b>	4,0 A
<b>R typ</b>	50 mOhm
<b>Temperature</b>	-45°C...+100°C

### Spring Force (cN ±20%)

Version	Preload	Nominal
Standard	30	60
Standard	50	100
Standard	70	150
Standard	80	200
Standard	100	280
L	50	100
L	70	150
L	80	200
L	100	280
IK	30	60
IK	70	150
IK	70	280

### Travel (mm)

Version	Nominal	Maximum
Standard	4,3	6,4
L	4,3	6,4
IK	4,3	6,4
Pointing Accuracy		±0,08 mm

### Materials and Plating

Plunger	see tip style
Barrel	Bronze, gold plated
Spring	Music wire, silver plated
Receptacle	Nickel silver, gold plated

### Accessories

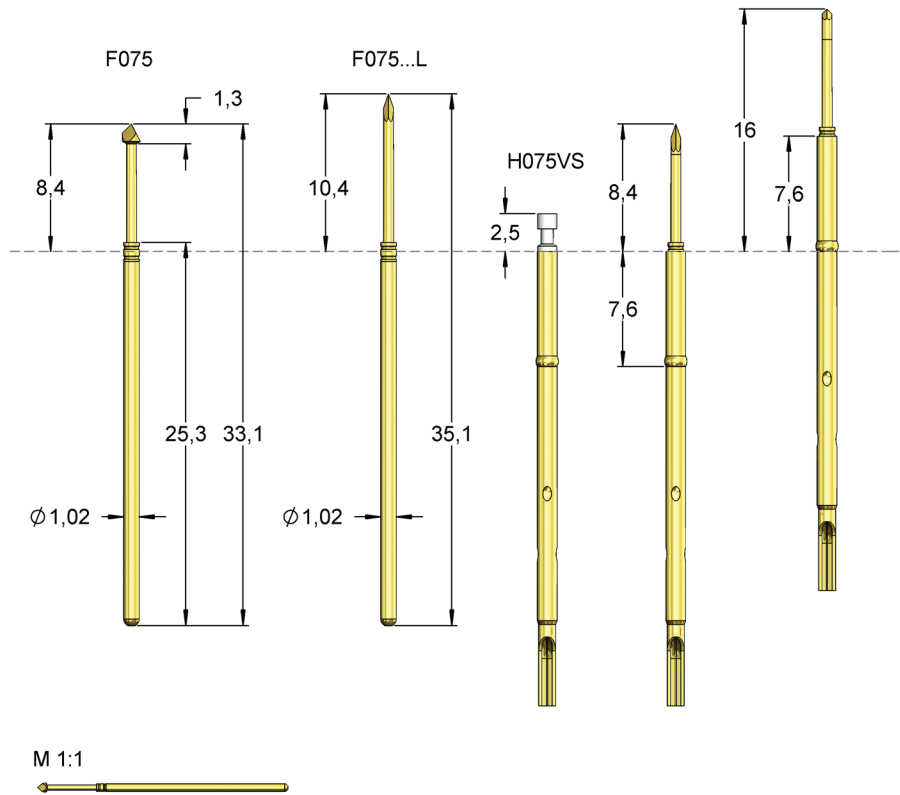
Insertion tool receptacle	FEWZ-075EV
Insertion tool receptacle	FEWZ-075E0
Insertion tool probe	FDWZ-075
Plug lock	H075VS

### Drill size (mm)

Receptacle Press ring as stop	1,29 - 1,30
Receptacle Press ring inserted	1,36 - 1,40

Series	Tip-Ø	Spring Force (cN)
<b>F075</b>	<b>05</b>	<b>B 150 G 200 L</b>
	Tip Style	Material Plating Version

<b>Material:</b>	B = BeCu, S = Steel
<b>Tip-Ø:</b>	150 = 1,50 mm (e.g.)
<b>Plating:</b>	G = Gold plated, L = Longtime Gold plated
<b>Version:</b>	L = Long version, IK = Insulation cap
<b>Receptacle:</b>	Order Code according drawing



Probe series F075 is the most common probe for 75 mil centers.

Further information about the receptacles see extra section for receptacle H075.

Tip Style	Number	Material	Ø in mm	Plating	Version
	05	B	1,20	G	-
	06	B	1,00	G	-
	06	B	1,20	G	-
	06	B	1,30	G	IK
	07	S	1,20	L	-
	10	S	0,64	L	-
	11	B	0,64	G	-
	14	S	0,78	L	-
	14	S	1,20	L	-
	15	B	0,90	G	-
	15	B	1,20	G	-
	15	B	1,20	G	L
	17	B	1,20	G	-
	18	B	0,78	G	-
	21	S	0,64	L	-
	21	S	0,64	L	L
	30	S	0,64	L	-
	33	S	0,64	L	-
	33	S	0,64	L	L



# F075

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### Projection Height (mm)

(F075) H075.../10.0	8,4 - 18,4
(F075) H075.../7.6	8,4 - 16,0
(F075) H075.../2.0	8,4 - 10,4
(F075) H075WW10/2.0S1	11,4 - 13,4
(F075) H075WW10/2.0S2	16,4 - 18,4
(F075...L) H075.../10.0	10,4 - 20,4
(F075...L) H075.../7.6	10,4 - 18,0
(F075...L) H075.../2.0	10,4 - 12,4
(F075...L) H075WW10/2.0S1	13,4 - 15,4
(F075...L) H075WW10/2.0S2	18,4 - 20,4

Tip Style	Number	Material	Ø in mm	Plating	Version
	33	S	0,78	L	-
	36	B	1,20	G	-
	37	B	0,50	G	-
	37	B	0,50	G	L
	38	S	0,64	L	-
	38	S	0,64	L	L
	41	B	1,30	G	IK
	43	S	0,64	L	-
	53	S	0,64	L	-
	53	S	0,64	L	L
	63	S	1,20	G	-
	63	S	1,20	L	-

# H075

## Receptacle 75 mil

### Materials and Plating

Receptacle Nickel silver, gold plated

### Accessories

Insertion tool receptacle	FEWZ-075EV
Insertion tool receptacle	FEWZ-075E0

### Drill size (mm)

Receptacle Press ring as stop	1,29 - 1,30
Receptacle Press ring inserted	1,36 - 1,40

The dimensions shown in (brackets) on the receptacle drawing are the possible respective insertion depths of the probes in the mounting receptacle. This results in the protrusion heights of the contact probes.

Series	Length of Wire Wrap Pin
<b>H075 WW 10 / 7.6</b>	
Connection Type	Press Ring Position
<b>Connection Type:</b>	CR = Crimp connection LA = Solder connection WW = Wire Wrap connection LI = Stranded wire WL = Spring loaded connection
<b>Length of Wire Wrap Pin:</b>	e.g. 10 = 10,0 mm
<b>Press Ring Position:</b>	e.g. 7.6 = 7,6 mm

H075WW10/2.0S2

H075WW10/2.0S1

H075WW10/2.0

H075CR/2.0

H075LA/2.0

H075CR/7.6

H075LA/7.6

H075WW10/7.6

**Airtight II**  
H075WW19/7.6

H075CR/10.0

H075WW10/10.0

