

# F100HPL

Up to 5 A | 100 mil | ICT application



### Electrical specifications

Current [A]	5
R <sub>TYP</sub> [mOhm]	<20

### Mechanical specifications

Temperature [°C]	-45°...+100°		
Preload [cN]	75	130	200
Spring force [cN] at nt ±20%	130	200	300
Nominal travel [mm]	4.3	4.3	4.3
Maximum travel [mm]	6.4	6.4	6.4

### Materials and plating

Plunger	BeCu	gold plated
Barrel	Nickel silver	gold plated
Spring	Spring steel	silver plated
Receptacle	Nickel silver	gold plated

### Accessories

1010818	H100LA-7.6	Receptacle
1008392	FEWZ-100EV	Insertion tool receptacle
1003566	FDWZ-100	Insertion tool probe

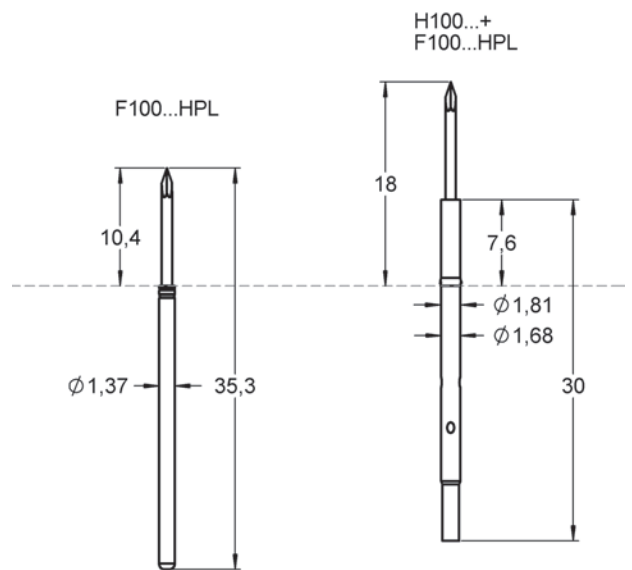
\* Overview of other receptacles H100 on page 34+35

### Drill size recommendation (mm)

H100...	Press ring as stop	1.67 - 1.69
H100...	Press ring inserted	1.70 - 1.75

### Series drawing

All measurements are in mm.



# BASIC PROBES 100 MIL

Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1017051	F10014S150L200HPL	14 	1.50	S / L	200	-	HPL	
1010318	F10021S090P200HPL	21 	0.90	S / P	200	-	HPL	
1010320	F10021S090P300HPL	21 	0.90	S / P	300	-	HPL	
1014294	F10032S090P300HPL	32 	0.90	S / P	300	-	HPL	
1020073	F10033S090L200HPL	33 	0.90	S / L	200	-	HPL	
1017908	F10033S090P130HPL	33 	0.90	S / P	130	-	HPL	
1010258	F10033S090P200HPL	33 	0.90	S / P	200	-	HPL	
1010324	F10033S090P300HPL	33 	0.90	S / P	300	-	HPL	
1010319	F10043S090P200HPL	43 	0.90	S / P	200	-	HPL	
1010325	F10062S090P300HPL	62 	0.90	S / P	300	-	HPL	