

F100L

Up to 5 A | 100 mil | ICT application



Electrical specifications

Current [A]	5
R _{TYP} [mOhm]	<20

Mechanical specifications

Temperature [°C]	-45°...+100°		
Preload [cN]	80	80	150
Spring force [cN] at nt ±20%	150	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

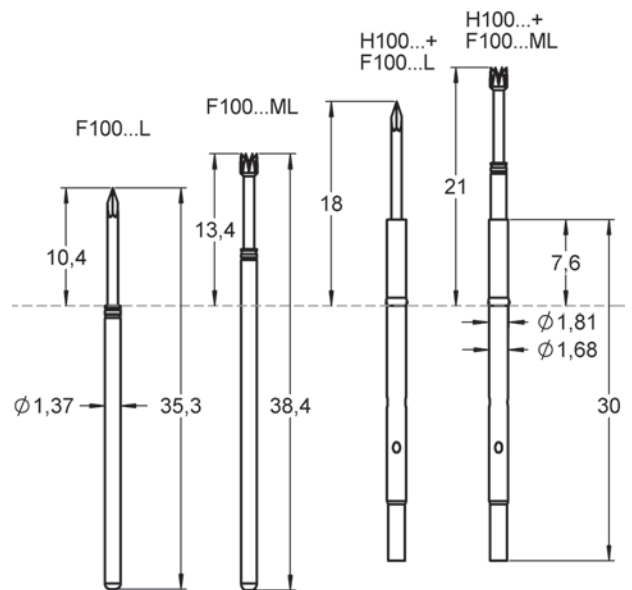
* Overview of other receptacles H100 on page 34+35

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.



Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1012204	F10006B150G150L	06	1.50	B / G	150	-	L	
1052629	F10006B150G150ML	06	1.50	B / G	150	-	ML	-
1012205	F10006B150G200L	06	1.50	B / G	200	-	L	
1012206	F10006B150G300L	06	1.50	S / L	300	-	L	

BASIC PROBES 100 MIL

Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1044864	F10011B064G150L	11 	0.64	B / G	150	-	L	
1017535	F10011B090G150L	11 	0.90	B / G	150	-	L	
1044635	F10011B090G200L	11 	0.90	B / G	200	-	L	
1039198	F10011B090G300L	11 	0.90	B / G	300	-	L	
1000535	F10014S130L150L	14 	1.30	S / L	150	-	L	
1017541	F10015B150G150L	15 	1.50	B / G	150	-	L	
1015802	F10015B150G200L	15 	1.50	B / G	200	-	L	
1013905	F10015B150G300L	15 	1.50	B / G	300	-	L	
1007501	F10021S090L300L	21 	0.90	S / L	300	-	L	
1004705	F10033S090L150L	33 	0.90	S / L	150	-	L	
1004658	F10033S090L200L	33 	0.90	S / L	200	-	L	
1006713	F10033S090L300L	33 	0.90	S / L	300	-	L	
1017546	F10037S050L150L	37 	0.50	S / L	150	-	L	
1007502	F10037S050L300L	37 	0.50	S / L	300	-	L	
1026472	F10053S090L300L	53 	0.90	S / L	300	-	L	
1018654	F10055B180G300HL	55 	1.80	B / G	300	-	HL	