



Standard Probe 50 mil

F050

Centers (mm/mil)	1,27 / 50
Current	3,0 A
Temperature	-20°C...+80°C
R typically	20 mOhm

Spring Force (cN ±20%)

Preload	Nominal Force
80	130 HP
60	150
125	200 HP
90	200

Travel (mm)

Nominal	Maximum
4,3	6,4
Pointing Accuracy	±0,05 mm

Materials and Plating

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

Accessories

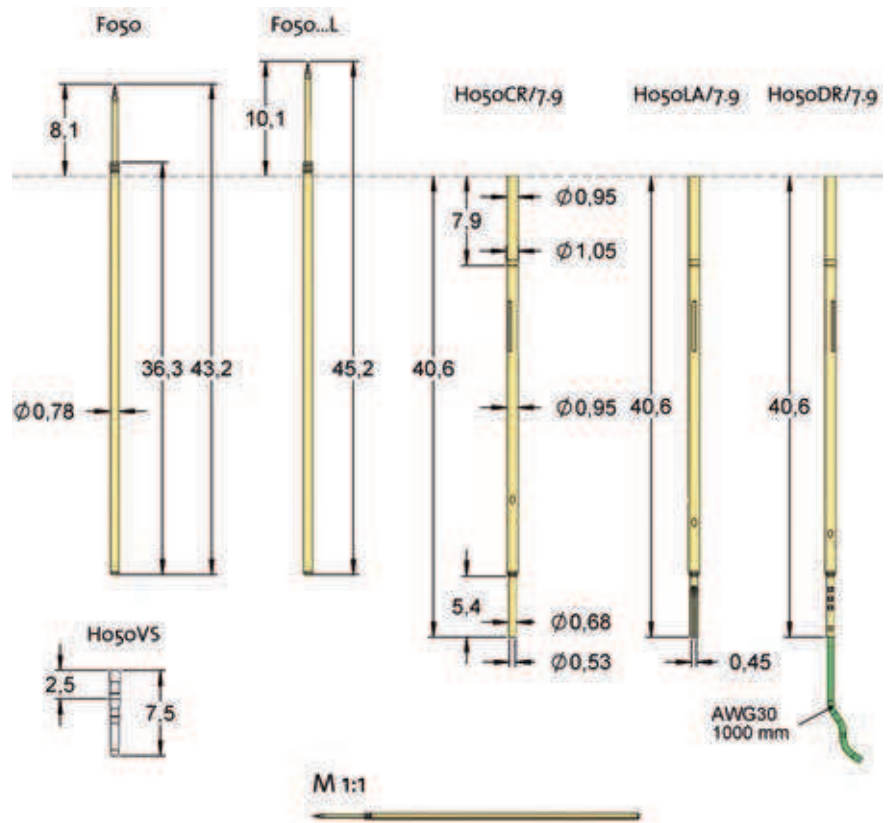
Insertion tool receptacle	FEWZ-050EV
Insertion tool receptacle	FEWZ-050E0
Insertion tool probe	FDWZ-050
Plug lock	H050VS

Drill Size [mm]

Press ring as stop	0,96 - 0,98
Press ring inserted	0,98 - 1,01

Projection Height

(F050) H050.../7.9	8,1 - 16,0
(F050...L) H050.../7.9	10,1 - 18,0



Due to the higher preload the Progressive Series versions only allow a maximum travel of 5.0 mm. The receptacle H050WL11/7.6 is also available with a spring loaded end. This is suitable for contacting conductor paths.

Type	Tip-Ø		Spring Force			
F 050	33	S	050	P	130	HP
Tip Style	Material	Finish	Special Version			
Material:	B = BeCu, S = Steel					
Tip-Ø:	050 = 0,5 mm (e.g.)					
Finish:	G = Gold, L = Longtime Gold plated, P = Functional coating					
Special Version:	HP = Progressive Series					
Receptacle:	Order Code according drawing					
ORDER EXAMPLE						

ORDER EXAMPLE

Tip Style	Number	Material	Plating	Ø in mm	Version
	05	B	G	0,90	-
	06	B	G	0,90	-
	11	B	G	0,50	-
	21	S	L	0,50	-
	21	S	P	0,50	HP
	33	S	L	0,50	-
	33	S	L	0,50	L
	33	S	P	0,50	HP
	43	S	L	0,50	-
	43	S	P	0,50	HP
	62	S	P	0,50	HP