



F050

Probe 50 mil Standard

Centers (mm/mil)	1,27 / 50
Current	3,0 A
R typ	20 mOhm
Temperature	-45°C...+100°C

Spring Force (cN ±20%)

Version	Preload	Nominal
Standard	60	150
Standard	90	200
HP	80	130
HP	125	200
L	60	150

Travel (mm)

Version	Nominal	Maximum
Standard	4,3	6,4
HP	4,3	5,0
L	4,3	6,4

Pointing Accuracy ±0,05 mm

Materials and Plating

Plunger	see tip style
Barrel	Bronze, gold plated
Spring	BeCu, 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)

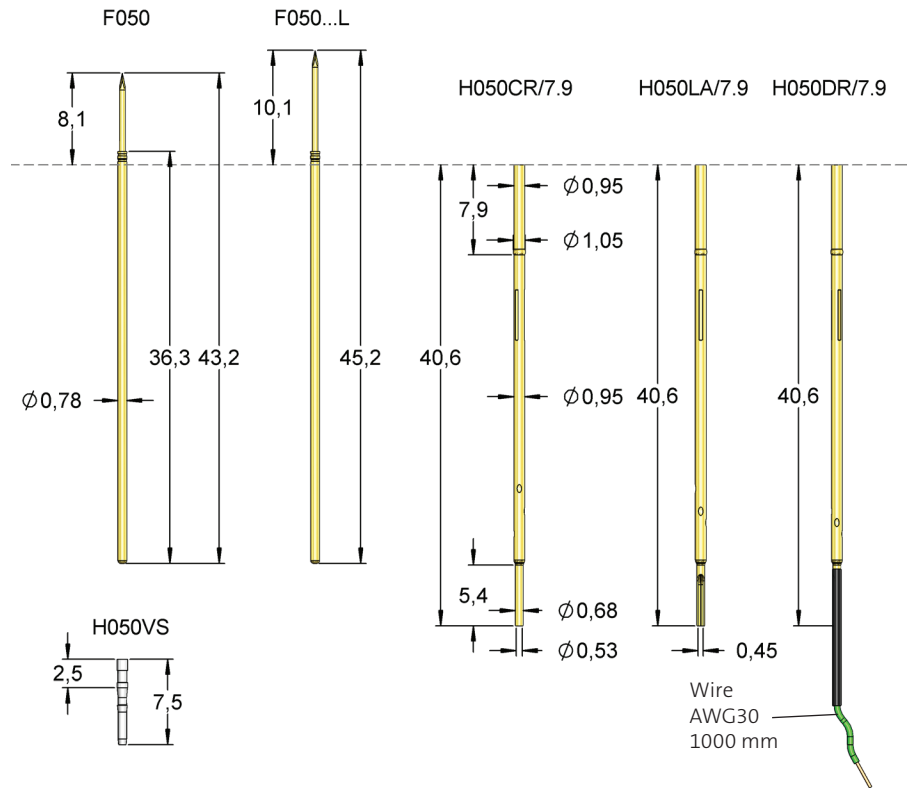
Receptacle Press ring as stop	0,95 - 0,97
Receptacle Press ring inserted	0,98 - 1,01

Projection Height (mm)

H050... with F050	8,1 - 16,0
H050... with F050...L	10,1 - 18,0
H050WL11/7.6 with F050	18,5 - 26,4
H050WL11/7.6 with F050...L	20,5 - 28,4

Series	Tip-Ø	Spring Force (cN)
F050	21	S 050 P 200 HP
Tip Style	Material	Plating
		Version

Material:	B = BeCu, S = Steel
Tip-Ø:	050 = 0,50 mm (e.g.)
Plating:	G = Gold plated, L = Longtime Gold plated, P = Functional coating
Version:	H = High temperature, L = Long version, HP = Progressive Series
Receptacle:	Order Code according drawing



M 1:1



Due to the higher preload, the progressive series versions only allow a maximum travel of 5,0 mm and have a typical resistance of 40 mOhm.

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