

F111

Probe 50 mil Short Version

Centers (mm/mil)	1,27 / 50
Current	3,0 A
R typ	65 mOhm
Temperature	-20°C...+80°C, -40°C...+200°C (H)

Spring Force (cN ±20%)

Version	Preload	Nominal
Standard	20	40
Standard	20	85
H	40	95
E05	33	70

Travel (mm)

Version	Nominal	Maximum
Standard	2,0	2,8
H	2,0	2,8
E05	2,0	2,8
Pointing Accuracy		±0,09 mm

Materials and Plating

Plunger	see tip style
Barrel	Bronze, gold plated
Spring	Stainless steel, unplated (H) Music wire, silver plated
Receptacle	Bronze, gold plated

Accessories

Insertion tool receptacle	FEWZ-511E0
Insertion tool probe	FDWZ-050

Drill size (mm)

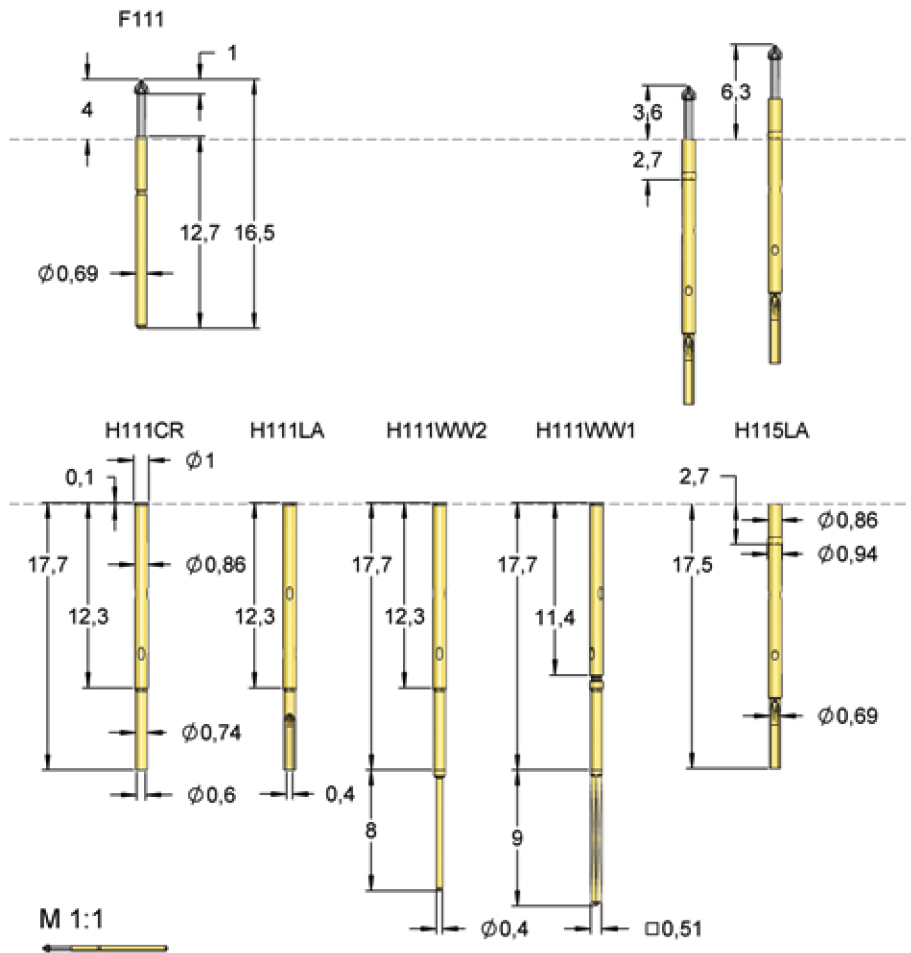
Receptacle H111 with collar	0,83 - 0,84
Receptacle H115 with Press ring	0,88 - 0,92

Projection Height (mm)

H111CR / H111LA	4,0
H111WW2 / H111LI	4,0
H111WW1	5,0
H111LA2	6,0
H111LA1	8,0
H115LA	3,6 - 6,3

Series	Tip-Ø	Spring Force (cN)
F111	18	S
	053	L
		095
		H
	Tip Style	Material
		Plating
		Version

Material:	B = BeCu, S = Steel
Tip-Ø:	053 = 0,53 mm (e.g.)
Plating:	G = Gold plated, L = Longtime Gold plated, N = Nickel plated, R = Rhodium plated
Version:	H = High temperature, E05 = Projection Height 5,0 mm
Receptacle:	Order Code according drawing



Also available: receptacle H111LI with 550 mm pre-assembled flexible wire AWG30.

Tip Style	Number	Material	Plating	Ø in mm	Version
	01	S	N	0,53	-
	03	S	N	0,53	-
	05	S	L	0,90	-
	05	S	L	1,50	-
	06	B	G	0,90	-
	07	S	N	0,90	-
	09	S	N	0,90	- / H
	12	S	L	0,90	- / H
	12	S	R	0,90	H
	14	S	N	0,90	- / H
	15	B	G	0,90	E05
	18	S	N	0,53	- / H
	18	S	R	0,53	- / H
	21	S	N	0,53	- / H