

## F111

### Probe 50 mil Short Version

<b>Centers (mm/mil)</b>	1,27 / 50
<b>Current</b>	3,0 A
<b>R typ</b>	65 mOhm
<b>Temperature</b>	-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)

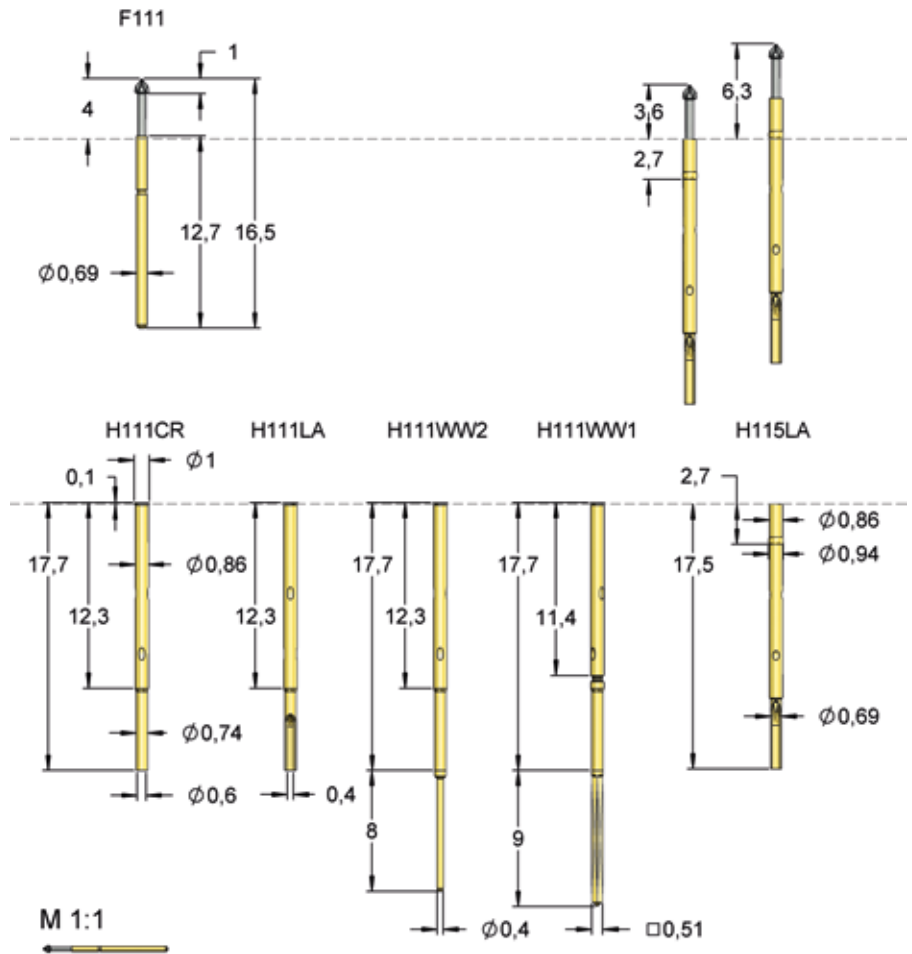
Receptacle H111 with collar	0,83 - 0,84
Receptacle H115 with Press ring	0,88 - 0,92

#### 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)
<b>F111</b>	<b>18</b>	<b>S</b>
	<b>053</b>	<b>L</b>
		<b>095</b>
		<b>H</b>
	Tip Style	Material
		Plating
		Version

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