

# FINE PITCH PROBES

## F109

### Fine Pitch Probe with Receptacle

<b>Centers (mm/mil)</b>	1,00 / 39
<b>Current</b>	1,0 A
<b>R typ</b>	<65 mOhm
<b>Temperature</b>	-20°C...+80°C -40°C...+200°C

#### Spring Force (cN ±20%)

Version	Preload	Nominal
Standard	10	50
H	17	50

#### Travel (mm)

Version	Nominal	Maximum
Standard	2,0	2,3
H	2,0	2,3
Pointing Accuracy		±0,05 mm

#### Materials and Plating

Plunger	see Tip Style
Barrel	Nickel silver, gold plated
Spring	Music wire, silver plated Stainless steel, gold plated (H)
Receptacle	Bronze, gold plated

#### Accessories

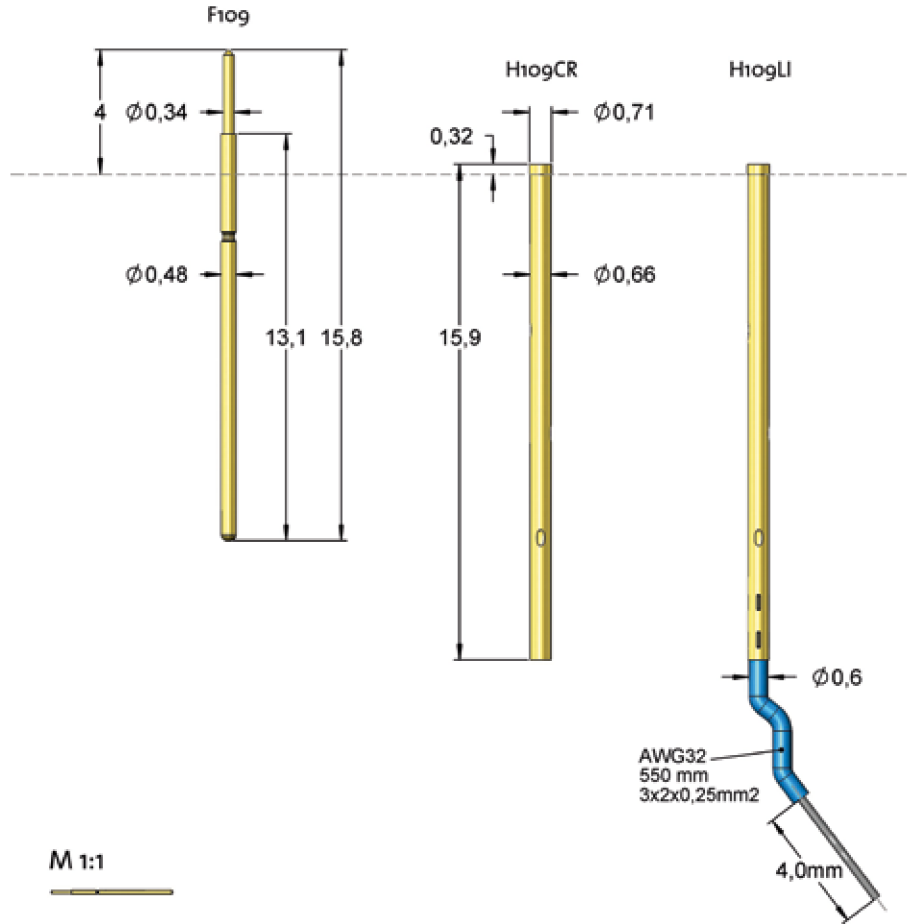
Insertion tool receptacle	FEWZ-109E0
Insertion tool probe	FDWZ-050

#### Drill Size (mm)

F109 with receptacle H109...	0,66 - 0,68
F109 without receptacle	0,49 - 0,51

#### Projection Height (mm)

F109 with receptacle H109...	4,0
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For fine pitch component test or board test with very small centers.

Series	Tip-Ø TS1	Spring Force (cN)
<b>F109 01 B 034 G 050 H</b>		
TS1	Material	Plating
	Version	

<b>Material:</b>	B = BeCu
<b>Tip-Ø:</b>	034 = 0,34 mm (e.g.)
<b>Plating:</b>	G = Gold plated
<b>Version:</b>	H = High temperature
<b>Receptacle:</b>	Order Code according drawing

Tip Style	Number	Material	Ø in mm	Plating	Version
	01	B	0,34	G	-
	01	B	0,34	G	H
	18	B	0,34	G	-