



# F709

## Battery Contact 67 mil

<b>Centers (mm/mil)</b>	1,70 / 67
<b>Current</b>	5,0 A
<b>R typ</b>	<100 mOhm
<b>Temperature</b>	-45°C...+100°C, -45°C...+200°C (H)

### Spring Force (cN ±20%)

Version	Preload	Nominal
Standard	10	40
H	10	20
ST	10	20

### Travel (mm)

Version	Nominal	Maximum
Standard	1,0	1,2
H	1,0	1,2
ST	1,0	1,2
Pointing Accuracy		±0,08 mm

### Materials and Plating

Plunger	BeCu, gold plated
Barrel	Brass, gold plated
Spring	Music wire, silver plated, Stainless steel, unplated
Receptacle	Bronze, gold plated

### Accessories

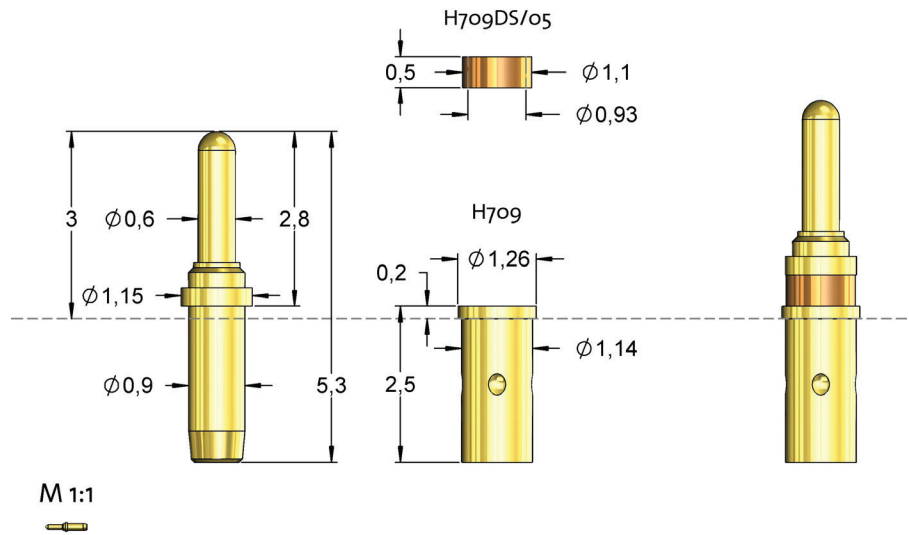
Spacer 0,5 mm	H709DS/05
Insertion tool probe	FDWZ-050

### Drill Size (mm)

F709	0,89 - 0,91
H709	1,12 - 1,14

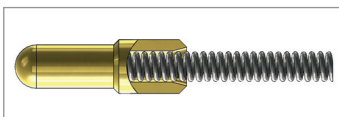
### Projection Height (mm)

F709 in H709	3,0
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The soldered version (ST) can also be used for automatic assembly. It is important to ensure that no solder is applied to the receptacles in the area of the point dimples in order to maintain elasticity and holding force.

### Design with drill hole plunger



Series	Tip-Ø	Spring Force (cN)
<b>F709 11 B 060 G 040 ST</b>		
Tip Style	Material	Plating
		Version

**Material:** B = BeCu  
**Tip-Ø:** 060 = 0,60 mm (e.g.)  
**Plating:** G = Gold plated  
**Version:** H = High temperature,  
ST = Solder tight high temperature version  
**Receptacle:** Order code according drawing

Tip Style	Number	Material	Ø in mm	Plating	Version
	11	B	0,60	G	-
	11	B	0,60	G	H
	11	B	0,60	G	ST