

FM Choice

Step Probes

F73012B0002G110SP

Item number 1009166

General

Design	Step Probe
Type/family	F730SP
Pitch (mm/mil)	1,27 / 50
Temperature [C°]	-45°C...+100°C
Additional definition	SP

Electrical specifications

Continuous current (A)	3.00
Typical contact resistance (mOhm)	50.00

Mechanical specifications

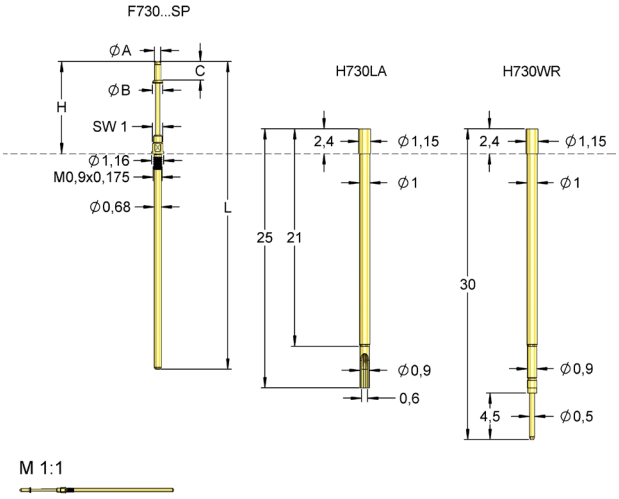
Preload (cN)	55.00
Spring force (cN)	110.00
Nominal travel (mm)	4.00
Maximum travel (mm)	5.00
Pointing accuracy +/- (mm)	0.08
Thread	M0,9X0,175
Tool size (mm)	1,0

Dimensions

Total length (mm)	30.50
Projection height (mm)	9.70
Tip style diameter (mm)	0.60
Barrel diameter (mm)	0.68
Collar diameter (mm)	1.16
Press ring diameter (mm)	1.16
D – plate diameter (mm)	1.00
A – pin diameter (mm)	0.60
B – plate diameter (mm)	1.00
C – pin length (mm)	2.60

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	12
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Bronze
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Gold

Accessories

Tool for receptacle	FEWZ-511E0