

FM Choice

Basic Threaded Probes

F73005B080G100HS1

Item number 1037948

General

Design	Basic Contact Probe
Type/family	F730
Pitch (mm/mil)	1,27 / 50
Temperature [C°]	-45°C...+100°C
Additional definition	HS1

Electrical specifications

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

Mechanical specifications

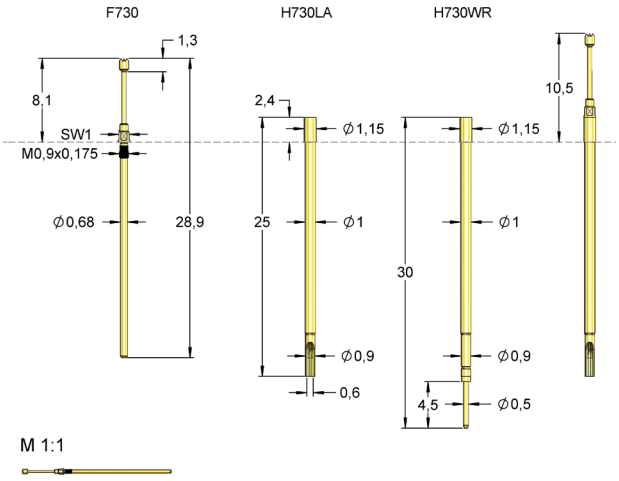
Preload (cN)	50.00
Spring force (cN)	100.00
Nominal travel (mm)	3.00
Maximum travel (mm)	4.50
Pointing accuracy +/- (mm)	0.08
Thread	M0,9X0,175
Tool size (mm)	1,0

Dimensions

Total length (mm)	28.90
Projection height (mm)	10.50
Tip style diameter (mm)	0.80
Barrel diameter (mm)	0.68
Collar diameter (mm)	1.16
Press ring diameter (mm)	1.16

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	05
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Bronze
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Gold

Accessories

Tool for receptacle	FEWZ-511E0