

FM Choice

Step Probes

F17511B0004G100SP

Item number 1019082

General

Design	Step Probe
Type/family	F175SP
Pitch (mm/mil)	1,90 / 75
Temperature [C°]	-45°C...+100°C
Additional definition	SP

Electrical specifications

Continuous current (A)	4.00
Typical contact resistance (mOhm)	20.00

Mechanical specifications

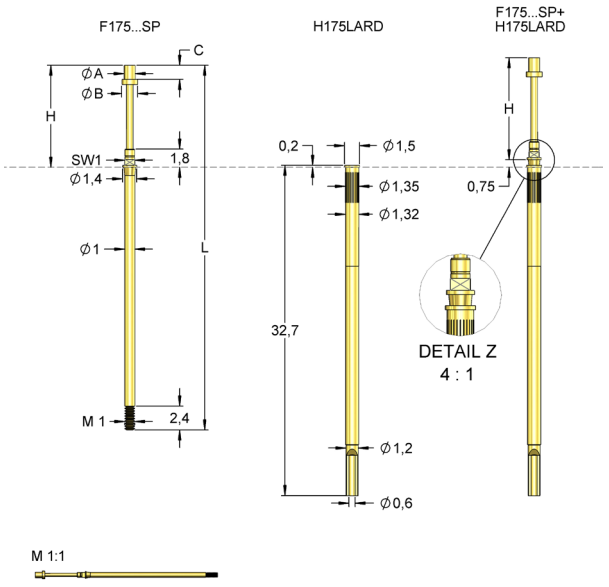
Preload (cN)	50.00
Spring force (cN)	100.00
Nominal travel (mm)	4.30
Maximum travel (mm)	6.40
Pointing accuracy +/- (mm)	0.08
Thread	M1
Tool size (mm)	1,0

Dimensions

Total length (mm)	38.10
Projection height (mm)	12.10
Tip style diameter (mm)	0.60
Barrel diameter (mm)	1.00
Collar diameter (mm)	1.40
Press ring diameter (mm)	1.40
D – plate diameter (mm)	1.50
A – pin diameter (mm)	0.60
B – plate diameter (mm)	1.50
C – pin length (mm)	3.00

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	11
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Silver

Accessories

Tool for receptacle	FEWZ-075E0