

FM Choice

Step Probes

F75689B0005G150SP

Item number 1031663

General

Design	Step Probe
Type/family	F756SP
Pitch (mm/mil)	2,54 / 100
Temperature [C°]	-45°C...+200°C
Additional definition	SP

Electrical specifications

Continuous current (A)	5.00
Typical contact resistance (mOhm)	25.00

Mechanical specifications

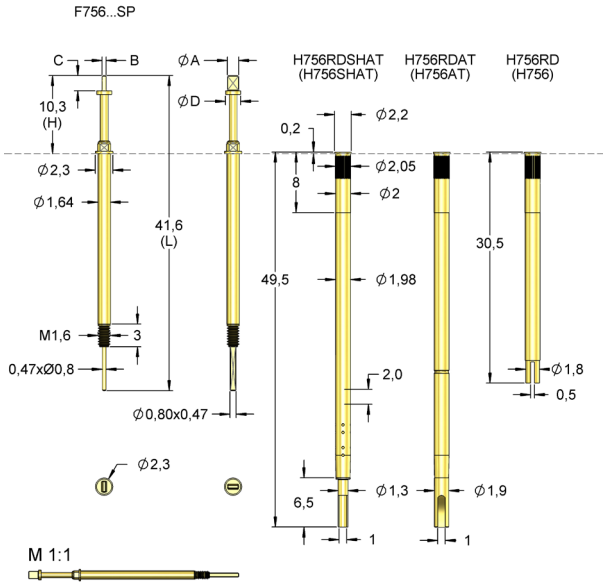
Preload (cN)	60.00
Spring force (cN)	150.00
Nominal travel (mm)	4.00
Maximum travel (mm)	4.40
Pointing accuracy +/- (mm)	0.08
Thread	M1,6
Tool size (mm)	1,7

Dimensions

Total length (mm)	41.60
Projection height (mm)	10.30
Tip style diameter (mm)	1.50
Barrel diameter (mm)	1.64
Collar diameter (mm)	2.30
Press ring diameter (mm)	2.30
A – spade diameter (mm)	1.50
B – spade width (mm)	0.50
C – spade length (mm)	2.50
D – plate diameter (mm)	2.00
B – plate diameter (mm)	2.00
C – pin length (mm)	2.50

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	89
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated