

Twist-Proof Probes

F76084B0002G300L

Item number 1005104

General

Design	Basic Contact Probe
Type/family	F760
Pitch (mm/mil)	3,50 / 138
Temperature [C°]	-45°C...+100°C
Additional definition	L

Electrical specifications

Continuous current (A)	10.00
Typical contact resistance (mOhm)	25.00

Mechanical specifications

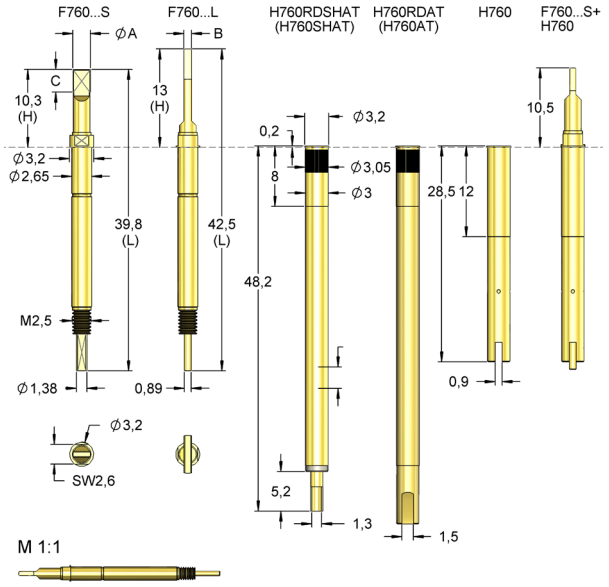
Preload (cN)	80.00
Spring force (cN)	300.00
Nominal travel (mm)	4.00
Maximum travel (mm)	5.00
Pointing accuracy +/- (mm)	0.08
Thread	M2,5
Tool size (mm)	2,6

Dimensions

Total length (mm)	42.50
Projection height (mm)	13.00
Tip style diameter (mm)	2.50
Barrel diameter (mm)	2.64
Collar diameter (mm)	3.20
Press ring diameter (mm)	3.20
A – spade diameter (mm)	2.50
B – spade width (mm)	0.80
C – spade length (mm)	4.00
C – pin length (mm)	4.00

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	84
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