

FM Choice

Push-Back-Probes

VF10082B0004G15

Item number 1005135

General

Design	Basic Contact Probe
Type/family	VF100
Pitch (mm/mil)	2,54 / 100
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current (A)	5.00
Typical contact resistance (mOhm)	30.00

Mechanical specifications

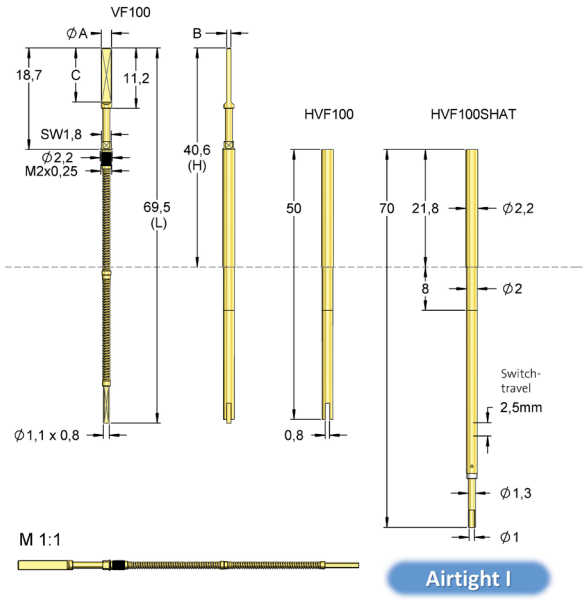
Preload (cN)	120.00
Spring force (cN)	1500.00
Nominal travel (mm)	5.00
Maximum travel (mm)	5.50
Pointing accuracy +/- (mm)	0.10
Thread	M2X0,25
Tool size (mm)	1,8

Dimensions

Total length (mm)	69.50
Projection height (mm)	40.50
Tip style diameter (mm)	1.90
Barrel diameter (mm)	2.00
Collar diameter (mm)	2.20
Press ring diameter (mm)	2.20
A – spade diameter (mm)	1.90
B – spade width (mm)	0.80
C – spade length (mm)	10.00
C – pin length (mm)	10.00

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	82
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	Gold

Accessories

Tool for receptacle	FAWZVF100