

FM Choice

Push-Back-Probes

VF383B0001G15

Item number 1005124

General

Design	Basic Contact Probe
Type/family	VF3
Pitch (mm/mil)	3,00 / 118
Temperature [C°]	-45°C...+100°C

Electrical specifications

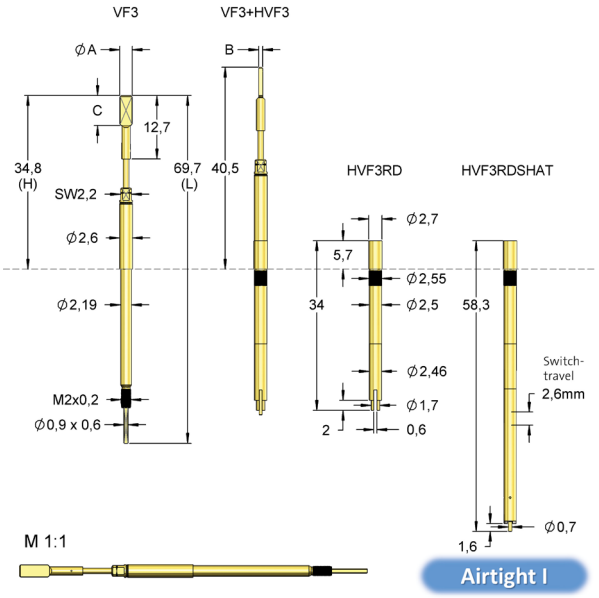
Continuous current (A)	8.00
Typical contact resistance (mOhm)	30.00

Mechanical specifications

Preload (cN)	300.00
Spring force (cN)	1500.00
Nominal travel (mm)	5.00
Maximum travel (mm)	5.50
Pointing accuracy +/- (mm)	0.10
Thread	M2X0,2
Tool size (mm)	2,2

Family drawing

All measurements are in mm.



Dimensions

Total length (mm)	69.70
Projection height (mm)	34.80
Tip style diameter (mm)	2.50
Barrel diameter (mm)	2.19
Collar diameter (mm)	2.60
Press ring diameter (mm)	2.60
A – spade diameter (mm)	2.50
B – spade width (mm)	0.80
C – spade length (mm)	6.00
C – pin length (mm)	6.00

Materials & surfaces

Tip style	83
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