

Switch Probes

F48716B180G100E12

Item number 1031031

General

Design	Basic Contact Probe
Type/family	F487-NO
Pitch (mm/mil)	4,00 / 157
Temperature [C°]	-45°C...+100°C
Additional definition	E12

Electrical specifications

Continuous current (A)	10.00
Typical contact resistance (mOhm)	20.00
Switch type	NO (Off-On-Off)
Switch travel (mm)	2.50
Continuous current 2 (A)	1.00

Mechanical specifications

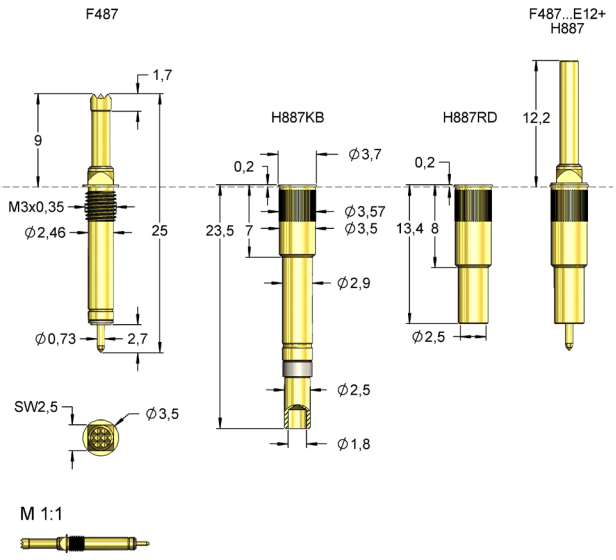
Preload (cN)	40.00
Spring force (cN)	100.00
Nominal travel (mm)	4.00
Maximum travel (mm)	5.00
Pointing accuracy +/- (mm)	0.10
Thread	M3X0,35
Tool size (mm)	2,5

Dimensions

Total length (mm)	28.00
Projection height (mm)	12.00
Tip style diameter (mm)	1.80
Barrel diameter (mm)	2.46
Collar diameter (mm)	3.50
Press ring diameter (mm)	3.50

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	16
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-340E0