



Basic Threaded Probes

F17611B050G080

Order code 1000072

General

Design	Basic Contact Probe
Family	F176
Pitch [mm/mil]	1.90 / 75
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current [A]	4.00
Typical contact resistance [mOhm]	20.00

Mechanical specifications

Preload [cN]	30.00
Spring force [cN]	80.00
Nominal travel [mm]	2.40
Maximum travel [mm]	3.00
Pointing accuracy +/- [mm]	0.08
Thread	M1
Tool size [mm]	1.0

Dimensions

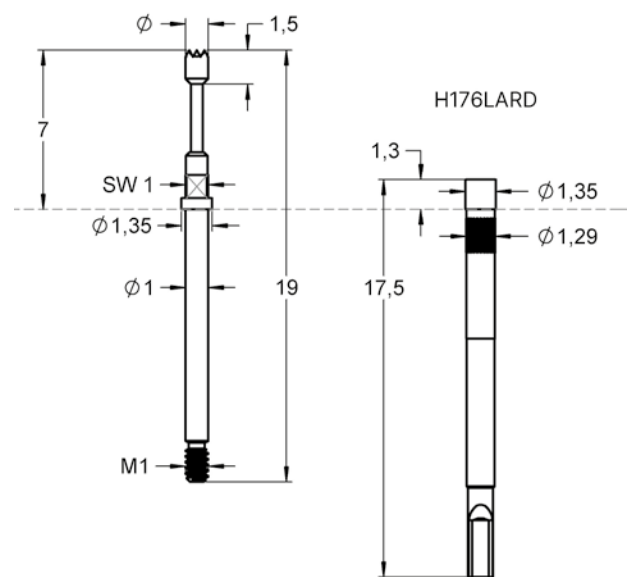
Total length [mm]	19.00
Projection height [mm]	7.00
Tip style diameter [mm]	0.50
Barrel diameter [mm]	1.00
Collar diameter [mm]	1.40
Press ring diameter [mm]	1.40

Materials & surfaces

Tip style	11
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Silver

Family drawing

All measurements are in mm.



Accessories

Tool for receptacle	FEWZ-075E0
Tool for probe	1004101-FWZ730S1, 1029809-FWZ730S1T
Other	1000148-H176LARD

Tip style 1

