



## Basic Threaded Probes

# F17505B120G100

Order code 1139343

### General

Design	Basic Contact Probe
Family	F175
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]	50.00
Spring force [cN]	100.00
Nominal travel [mm]	4.30
Maximum travel [mm]	6.40
Pointing accuracy +/- [mm]	0.08
Thread	M1
Tool size [mm]	1

### Dimensions

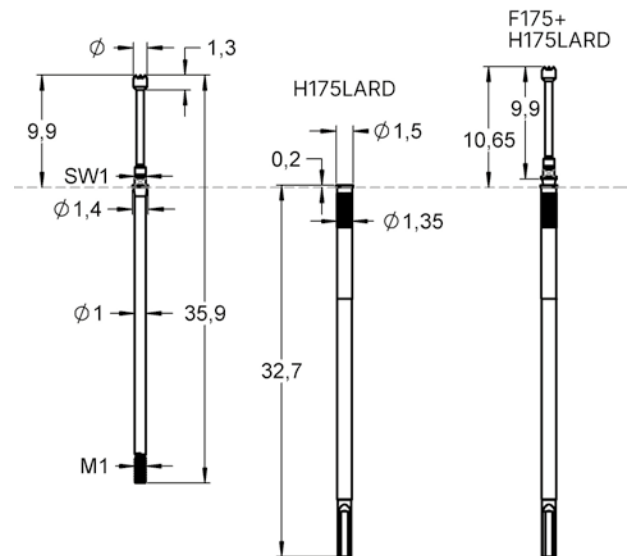
Total length [mm]	35.60
Projection height [mm]	9.90
Tip style diameter [mm]	1.20
Barrel diameter [mm]	1.00
Collar diameter [mm]	1.40

### Materials & surfaces

Tip style	05
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	1009615-H175LARD

### Tip style 1

