

FM Choice

Switch Probes

F87517T180N135

Item number 1000628

General

Design	Basic Contact Probe
Type/family	F875-NO
Pitch (mm/mil)	2,54 / 100
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current (A)	5.00
Typical contact resistance (mOhm)	20.00
Switch travel (mm)	1.50
Continuous current 2 (A)	1.00

Mechanical specifications

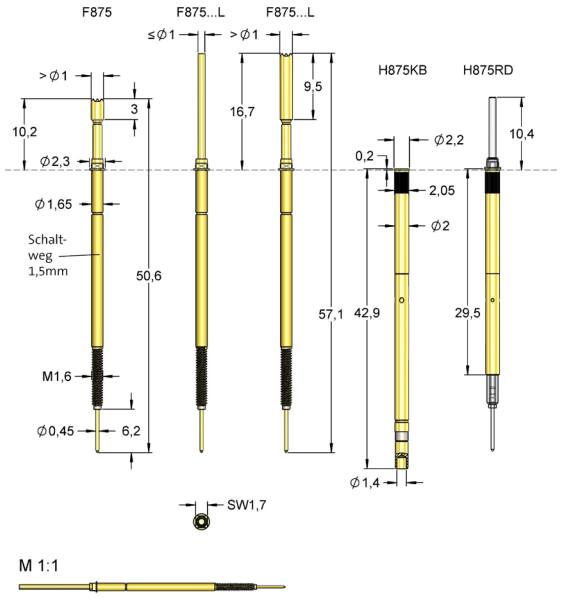
Preload (cN)	30.00
Spring force (cN)	135.00
Nominal travel (mm)	4.00
Maximum travel (mm)	5.00
Pointing accuracy +/- (mm)	0.08
Thread	M1,6
Tool size (mm)	1,7

Dimensions

Total length (mm)	50.60
Projection height (mm)	10.20
Tip style diameter (mm)	1.80
Barrel diameter (mm)	1.65
Collar diameter (mm)	2.30
Press ring diameter (mm)	2.30

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	17T
Tip style material	Plastic
Tip style plating	Uncoated
Plunger material	Cooper
Plunger plating	Nickel
Barrel material	Brass
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Silver