

Switch Probes

F37511B080G200E20

Item number 1017936

General

Design	Basic Contact Probe
Type/family	F375-NO
Pitch (mm/mil)	2,54 / 100
Temperature [C°]	-45°C...+100°C
Additional definition	EXX

Electrical specifications

Continuous current (A)	5.00
Typical contact resistance (mOhm)	50.00
Switch travel (mm)	1.50
Continuous current 2 (A)	1.00

Mechanical specifications

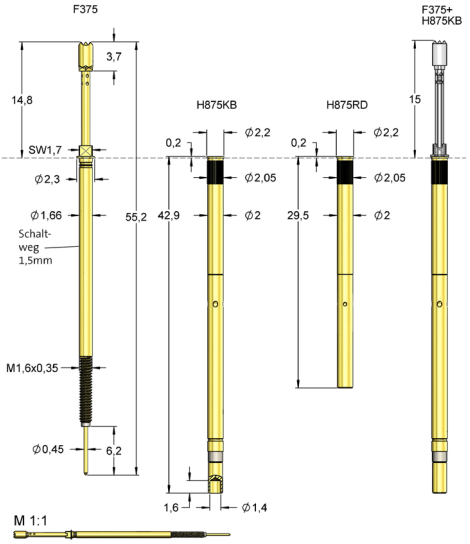
Preload (cN)	30.00
Spring force (cN)	200.00
Nominal travel (mm)	8.00
Maximum travel (mm)	9.50
Pointing accuracy +/- (mm)	0.15
Thread	M1,6
Tool size (mm)	1,7

Dimensions

Total length (mm)	60.20
Projection height (mm)	19.80
Tip style diameter (mm)	0.80
Barrel diameter (mm)	1.66
Collar diameter (mm)	2.30
Press ring diameter (mm)	2.30

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	11
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Bronze
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Gold