

Basic Threaded Probes

F75518B180G300E13S1

Item number 1022097

General

Design	Basic Contact Probe
Type/family	F755
Pitch (mm/mil)	4,50 / 177
Temperature [C°]	-45°C...+200°C
Additional definition	S1

Electrical specifications

Continuous current (A)	10.00
Typical contact resistance (mOhm)	30.00

Mechanical specifications

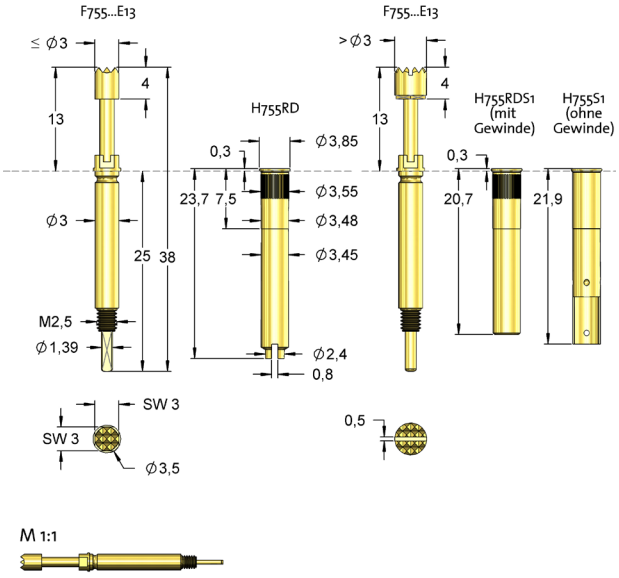
Preload (cN)	90.00
Spring force (cN)	300.00
Nominal travel (mm)	5.60
Maximum travel (mm)	7.00
Pointing accuracy +/- (mm)	0.10
Thread	M2,5
Tool size (mm)	3,0

Dimensions

Total length (mm)	38.00
Projection height (mm)	13.00
Tip style diameter (mm)	1.80
Barrel diameter (mm)	3.00
Collar diameter (mm)	3.50
Press ring diameter (mm)	3.50

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	18
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated