



Basic Contact Probes

F58837S050P300HP

Item number 1019481

General

Design	Basic Contact Probe
Type/family	F588
Pitch (mm/mil)	2,54 / 100
Temperature [C°]	-45°C...+100°C
Additional definition	HP

Electrical specifications

Continuous current (A)	5.00
Typical contact resistance (mOhm)	60.00

Mechanical specifications

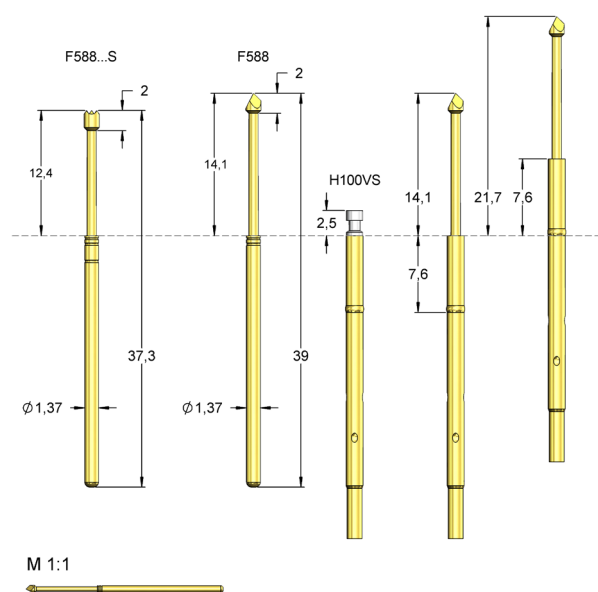
Preload (cN)	80.00
Spring force (cN)	300.00
Nominal travel (mm)	9.30
Maximum travel (mm)	11.70
Pointing accuracy +/- (mm)	0.10

Dimensions

Total length (mm)	39.00
Projection height (mm)	14.10
Tip style diameter (mm)	0.50
Barrel diameter (mm)	1.37

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	37
Tip style material	Steel
Tip style plating	Progressive
Plunger material	Steel
Plunger plating	Progressive
Barrel material	Nickel silver
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Silver

Accessories

Tool for receptacle	FEWZ-100
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