

FM Choice

Basic Contact Probes

F58806B150G180

Item number 1001508

General

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

Electrical specifications

Continuous current (A)	5.00
Typical contact resistance (mOhm)	30.00

Mechanical specifications

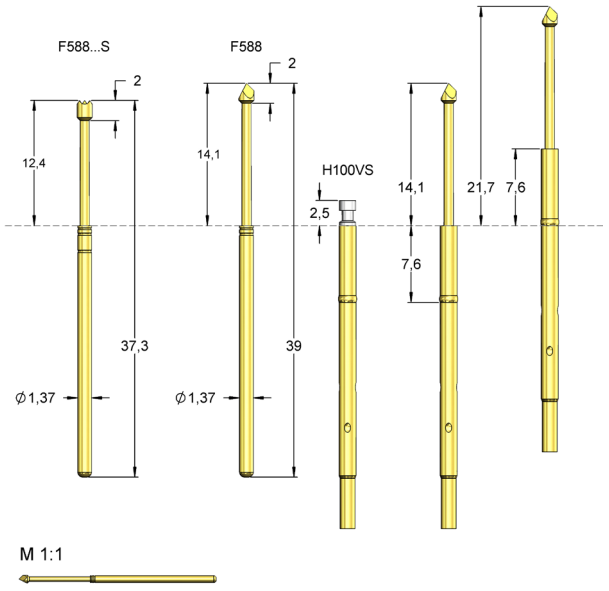
Preload (cN)	50.00
Spring force (cN)	180.00
Nominal travel (mm)	9.30
Maximum travel (mm)	11.70
Pointing accuracy +/- (mm)	0.10

Dimensions

Total length (mm)	39.00
Projection height (mm)	14.10
Tip style diameter (mm)	1.50
Barrel diameter (mm)	1.37

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	06
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Bronze
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Silver

Accessories

Tool for receptacle	FEWZ-100