

FM Choice

Basic Contact Probes

F10014S130L150HL

Item number 1031168

General

Design	Basic Contact Probe
Type/family	F100
Pitch (mm/mil)	2,54 / 100
Temperature [C°]	-45°C...+200°C
Additional definition	H

Electrical specifications

Continuous current (A)	5.00
Typical contact resistance (mOhm)	100.00

Mechanical specifications

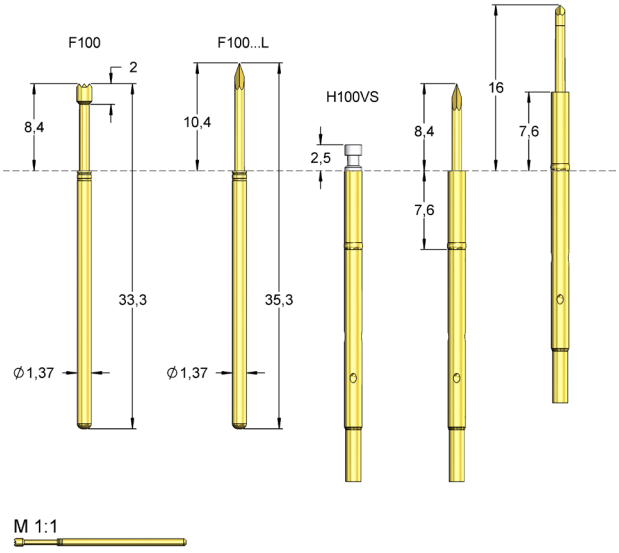
Preload (cN)	70.00
Spring force (cN)	150.00
Nominal travel (mm)	4.30
Maximum travel (mm)	6.40
Pointing accuracy +/- (mm)	0.08

Dimensions

Total length (mm)	35.30
Projection height (mm)	10.40
Tip style diameter (mm)	1.30
Barrel diameter (mm)	1.37

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	14
Tip style material	Steel
Tip style plating	Longtime Gold
Plunger material	Steel
Plunger plating	Longtime Gold
Barrel material	Bronze
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated

Accessories

Tool for receptacle	FEWZ-100EV