

FM Choice

Basic Contact Probes

F10021S090L150

Item number 1017543

General

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

Electrical specifications

Continuous current (A)	5.00
Typical contact resistance (mOhm)	20.00

Mechanical specifications

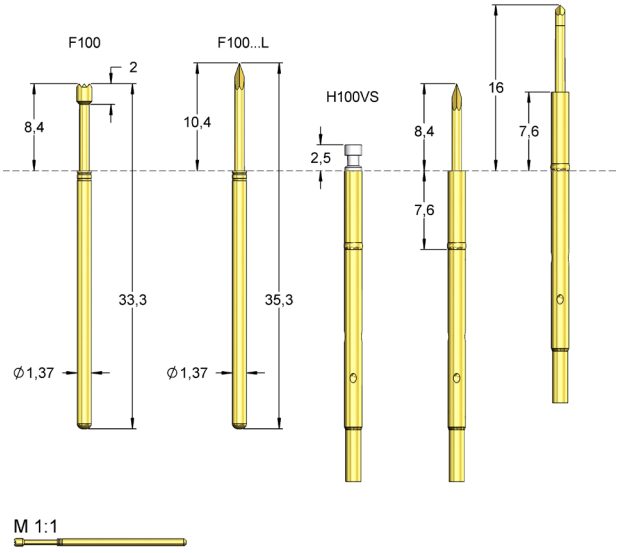
Preload (cN)	80.00
Spring force (cN)	150.00
Nominal travel (mm)	4.30
Maximum travel (mm)	6.40
Pointing accuracy +/- (mm)	0.08

Dimensions

Total length (mm)	33.30
Projection height (mm)	8.40
Tip style diameter (mm)	0.90
Barrel diameter (mm)	1.37

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	21
Tip style material	Steel
Tip style plating	Longtime Gold
Plunger material	Steel
Plunger plating	Longtime Gold
Barrel material	Bronze
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Silver

Accessories

Tool for receptacle	FEWZ-100EV