



Basic Contact Probes

F58833S090L180S

Order code 1003164

General

Design	Basic Contact Probe
Family	F588
Pitch [mm/mil]	2.54 / 100
Temperature [C°]	-45°C...+80°C
Additional definition	S

Electrical specifications

Continuous current [A]	5.00
Typical contact resistance [mOhm]	30.00

Mechanical specifications

Preload [cN]	75.00
Spring force [cN]	180.00
Nominal travel [mm]	7.60
Maximum travel [mm]	10.00
Pointing accuracy +/- [mm]	0.10

Dimensions

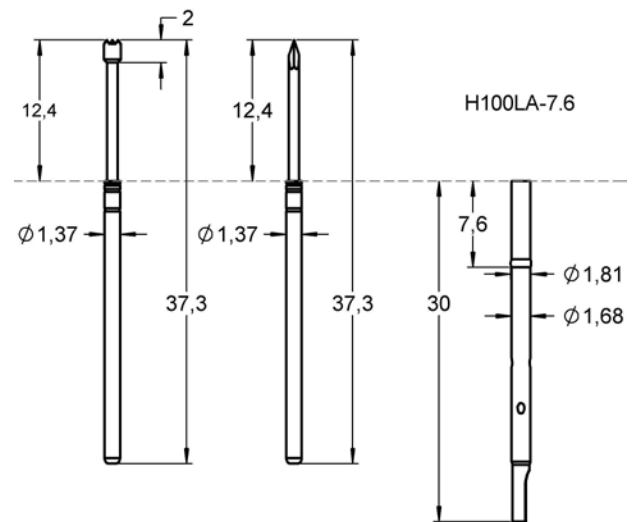
Total length [mm]	37.30
Projection height [mm]	12.40
Tip style diameter [mm]	0.90
Barrel diameter [mm]	1.37

Materials & surfaces

Tip style	33
Plunger material	Steel
Plunger plating	Longtime Gold
Barrel material	Bronze
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Silver

Family drawing

All measurements are in mm.



Accessories

Tool for receptacle	FEWZ-100
Other	1097191-H100CR-7.6S1, 1133588-H100WW19-10.0AT, 1107897-H100WW10-2.5S1, 1100025-H100WW05-7.6S1, 1092174-H100WW10-10.0AT

Tip style 1

