

Basic Contact Probes

F08612B0004G130SP

Item number 1022549

General

Design	Step Probe
Type/family	F086SP
Pitch (mm/mil)	1,27 / 50
Temperature [C°]	-45°C...+100°C
Additional definition	SP

Electrical specifications

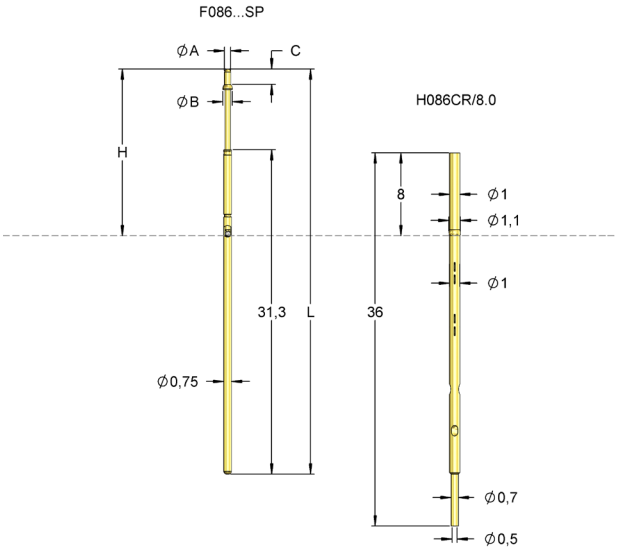
Continuous current (A)	3.00
Typical contact resistance (mOhm)	25.00

Mechanical specifications

Preload (cN)	75.00
Spring force (cN)	130.00
Nominal travel (mm)	2.00
Maximum travel (mm)	3.70
Pointing accuracy +/- (mm)	0.05

Family drawing

All measurements are in mm.



Dimensions

Total length (mm)	39.10
Projection height (mm)	8.10
Tip style diameter (mm)	0.60
Barrel diameter (mm)	0.75
D – plate diameter (mm)	0.90
A – pin diameter (mm)	0.60
B – plate diameter (mm)	0.90
C – pin length (mm)	1.50

Materials & surfaces

Tip style	12
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	Gold