

Flying Probes

FL17729S020L040A112

Item number 1092274

General

Design	Basic Contact Probe
Type/family	FL177
Pitch (mm/mil)	4,50 / 177
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current (A)	1.00
Typical contact resistance (mOhm)	40.00

Mechanical specifications

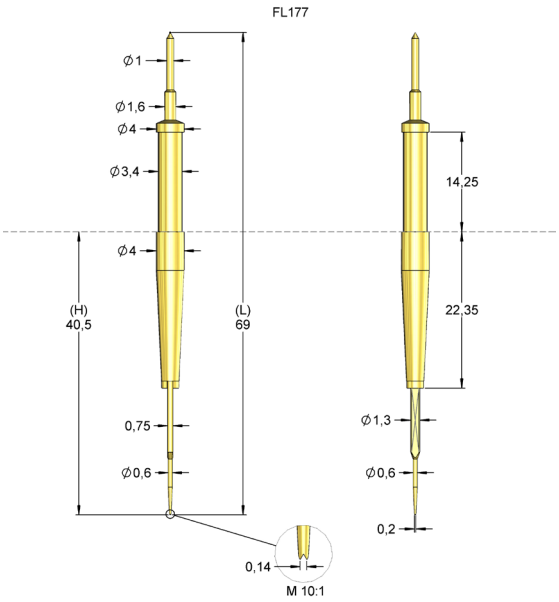
Preload (cN)	24.00
Spring force (cN)	40.00
Nominal travel (mm)	2.00
Maximum travel (mm)	10.00

Dimensions

Total length (mm)	69.00
Projection height (mm)	54.75
Tip style diameter (mm)	0.20
Barrel diameter (mm)	4.00

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	29
Tip style material	Sandvik
Tip style plating	Longtime Gold
Plunger material	Sandvik
Plunger plating	Longtime Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Gold