

Flying Probes

FL11829S020L100E38C111-2

Item number 1095118

General

Design	Basic Contact Probe
Type/family	FL118
Pitch (mm/mil)	3,00 / 118
Temperature [C°]	-45°C...+100°C
Additional definition	C111-2

Electrical specifications

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

Mechanical specifications

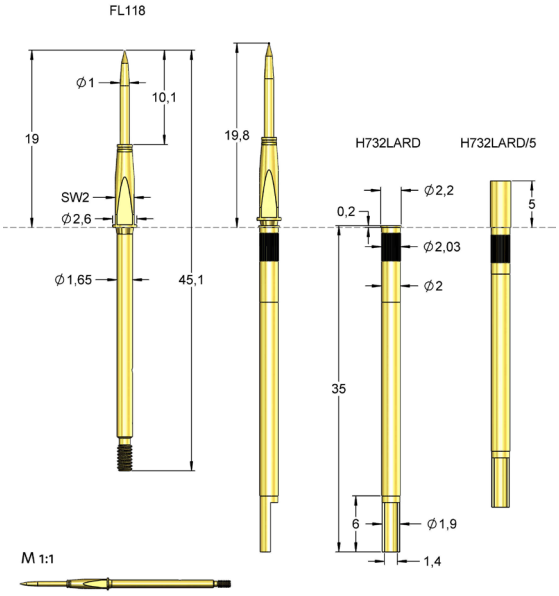
Preload (cN)	60.00
Spring force (cN)	100.00
Nominal travel (mm)	2.00
Maximum travel (mm)	10.00
Pointing accuracy +/- (mm)	0.09
Tool size (mm)	2,2

Dimensions

Total length (mm)	77.00
Projection height (mm)	38.00
Tip style diameter (mm)	0.20
Barrel diameter (mm)	2.00
Collar diameter (mm)	2.60

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