

Flying Probes

FL11818S100L150E19M

Item number 1010899

General

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

Electrical specifications

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

Mechanical specifications

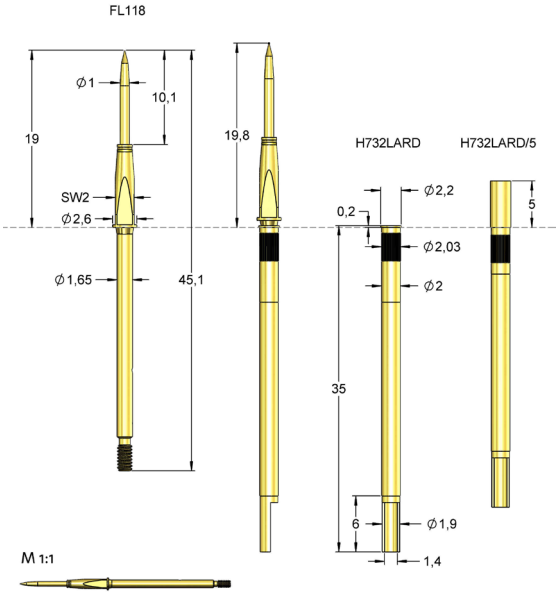
Preload (cN)	50.00
Spring force (cN)	150.00
Nominal travel (mm)	6.40
Maximum travel (mm)	8.00
Pointing accuracy +/- (mm)	0.10
Thread	M1,6
Tool size (mm)	2,0

Dimensions

Total length (mm)	45.10
Projection height (mm)	19.00
Tip style diameter (mm)	1.00
Barrel diameter (mm)	1.65
Collar diameter (mm)	2.60

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	18
Tip style material	Steel
Tip style plating	Longtime Gold
Plunger material	Steel
Plunger plating	Longtime Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Gold