

Kelvin Probes

F80518B0002G250

Item number 1031155

General

Type/family	F805
Pitch (mm/mil)	2,20 / 87
Temperature [C°]	-45°C...+200°C

Electrical specifications

Continuous current (A)	2.50
Typical contact resistance (mOhm)	20.00
Impedance (ohm)	50.00
Continuous current 2 (A)	0.50

Inner contact specifications

Nominal travel 2 (mm)	2.00
Maximum travel 2 (mm)	2.80
Preload 2 (cN)	10.00
Spring force 2 (cN)	50.00

Mechanical specifications

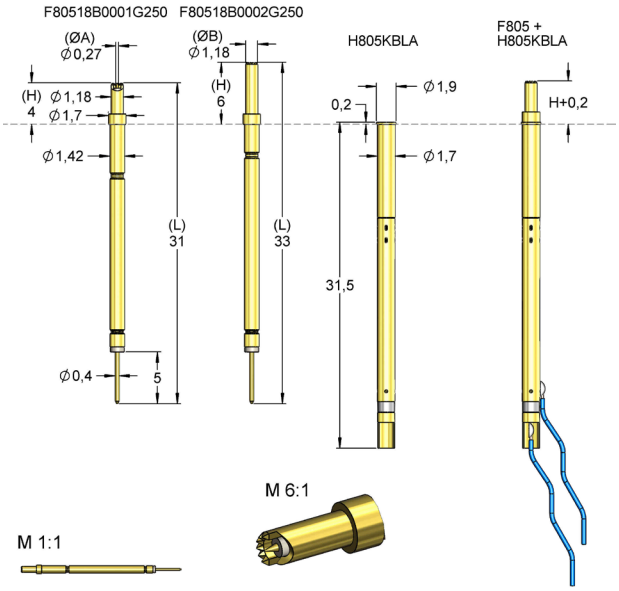
Preload (cN)	80.00
Spring force (cN)	200.00
Nominal travel (mm)	2.00
Maximum travel (mm)	2.50

Dimensions

Total length (mm)	33.00
Projection height (mm)	6.00
Tip style diameter (mm)	1.18
Barrel diameter (mm)	1.42
Collar diameter (mm)	1.70
Tip style diameter 2 (mm)	0.27

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	06
Tip style 2	18
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Bronze
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Gold
Plunger material 2	Beryllium cooper
Plunger plating 2	Gold
Spring material 2	High-grade steel
Spring plating 2	Gold