

Kelvin Probes

F80001B0001G050M

Item number 1037717

General

Design	Coaxial Probe
Type/family	F800
Pitch (mm/mil)	1,90 / 75
Temperature [C°]	-45°C...+100°C
Additional definition	M

Electrical specifications

Continuous current (A)	2.00
Typical contact resistance (mOhm)	250.00
Impedance (ohm)	50.00
Frequency (GHz)	3.00
Continuous current 2 (A)	1.00

Inner contact specifications

Nominal travel 2 (mm)	2.00
Maximum travel 2 (mm)	2.50
Preload 2 (cN)	10.00
Spring force 2 (cN)	50.00

Mechanical specifications

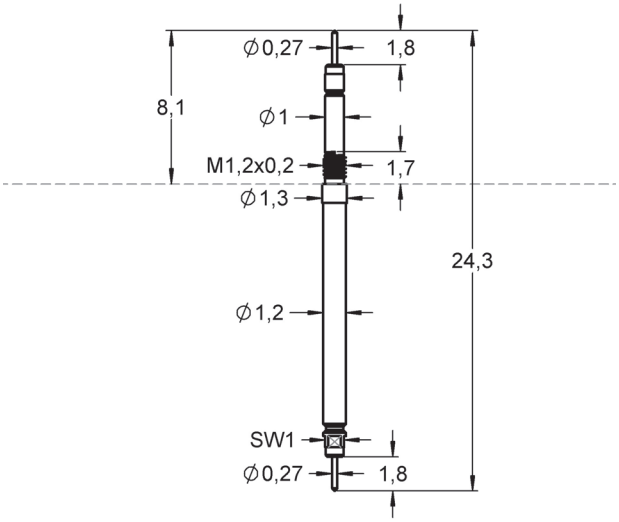
Preload (cN)	10.00
Spring force (cN)	50.00
Nominal travel (mm)	2.00
Maximum travel (mm)	7.00
Thread	M1,2X0,2
Tool size (mm)	1,0

Dimensions

Total length (mm)	24.30
Projection height (mm)	8.10
Tip style diameter (mm)	1.00
Barrel diameter (mm)	1.20
Collar diameter (mm)	1.30
Inside/outside distance (mm)	1.80
Tip style diameter 2 (mm)	0.27

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	03
Tip style 2	01
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Barrel material	Bronze
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated
Plunger material 2	Beryllium cooper
Plunger plating 2	Gold
Spring material 2	High-grade steel
Spring plating 2	Uncoated