



Kelvin Probes

F82205S0001L650

Order code 1003343

General

Design	Coaxial Probe
Family	F822
Pitch [mm/mil]	5.50 / 217
Temperature [C°]	-45°C...+200°C

Electrical specifications

Continuous current [A]	6.00
Typical contact resistance [mOhm]	60.00
Impedance [ohm]	50.00
Frequency [GHz]	1.20
Continuous current 2 [A]	1.60
Typical contact resistance 2 [mOhm]	30.00

Inner contact specifications

Nominal travel 2 [mm]	3.00
Maximum travel 2 [mm]	3.50
Preload 2 [cN]	100.00
Spring force 2 [cN]	200.00

Mechanical specifications

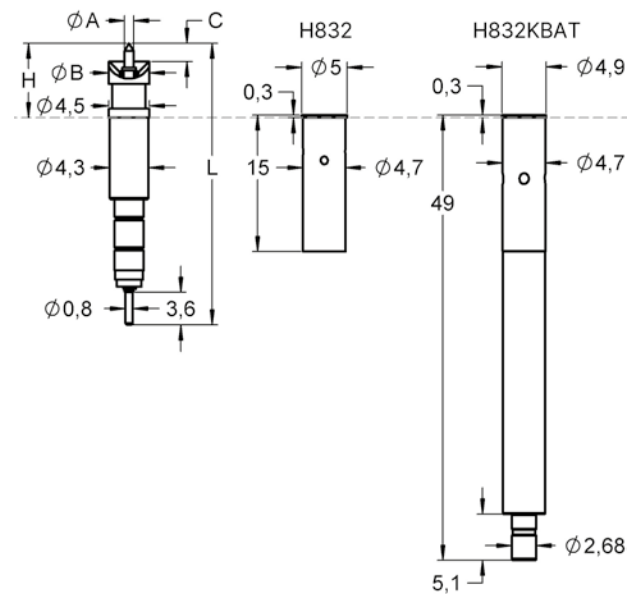
Preload [cN]	250.00
Spring force [cN]	450.00
Nominal travel [mm]	2.00
Maximum travel [mm]	2.60

Dimensions

Total length [mm]	31.00
Projection height [mm]	8.20
Tip style diameter [mm]	4.00
Barrel diameter [mm]	4.30
Collar diameter [mm]	4.50
Press ring diameter [mm]	4.50
Inside/outside distance [mm]	2.00
Tip style diameter 2 [mm]	1.00

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	05
Tip style 2	05
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Bronze
Barrel plating	Uncoated
Spring material	High-grade steel
Spring plating	Uncoated
Plunger material 2	Steel
Plunger plating 2	Longtime Gold
Spring material 2	High-grade steel
Spring plating 2	Uncoated

Accessories

Tool for receptacle	FEWZ-822E0
Other	1017378-H832KB, 1017356-H822AE, 1107999-H832KBAT, 1017355-H822, 1017357-H822AE1

Tip style 1

