

F810

3 A | 100 mil | Plugable



Electrical specifications

Temperature [°C]	-45°...+100°	
Impedanz [Ohm]	50	
Frequenz [GHz]	1.2	
	SENSE	POWER
Current [A]	0.8	3.0
R _{TYP} [mOhm]	2	20

Mechanical specifications

	SENSE	POWER
Preload [cN]	10; 25	40; 40
Spring force [cN] at nt ±20%	70; 75	100; 155
Nominal travel [mm]	2.8; 2.4	2.3
Maximum travel [mm]	4.0	3.5

Materials and plating

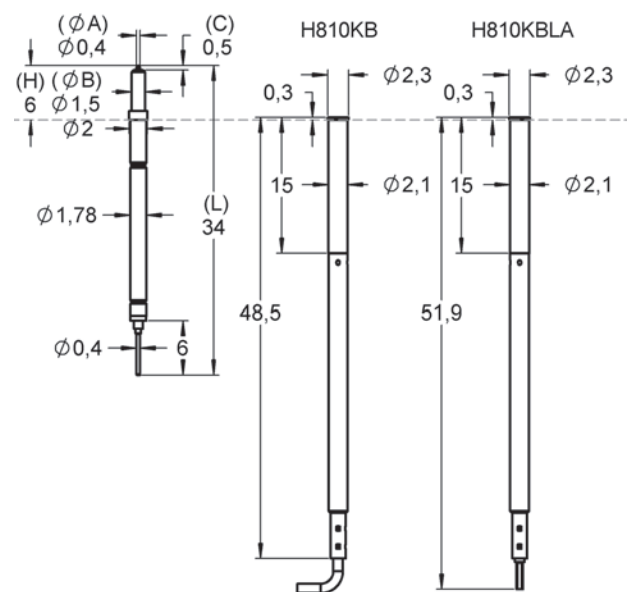
Contact SENSE	Steel	longtime gold plated
Contact POWER	BeCu	gold plated
Barrel	Bronze	silver plated
Spring SENSE	Spring steel	silver plated
Spring POWER	Spring steel	silver plated
Receptacle	Bronze	gold plated

Accessories

1008053	H810KB	Receptacle
1010108	H810KBLA	Receptacle
1001862	H810	Receptacle
1001863	H810AE	Connection element
1003640	FEWZ-772E0	Insertion tool receptacle
1003566	FDWZ-100	Insertion tool probe

Series drawing












All measurements are in mm.



Drill size recommendation (mm)

H810...	2.08 - 2.09
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KELVIN PROBES

Order code	Product name	Power	Sense 1	Ø A	Ø B	C	H	Thread [M]	Version	FM Choice
1001710	F81001S040L170	05 	01 	0.40	1.50	0.50	6.00	-	-	-
1004548	F81016S040L170	05 	16 	0.40	1.50	0.50	6.00	-	-	-
1006621	F81001S040L230S1	05 	01 	0.40	2.00	-1.20	7.80	-	S1	
1019049	F81006B080G230S1	06 	06 	0.80	2.00	-1.20	7.80	-	S1	-
1024032	F81016S040L230S1	05 	16 	0.40	2.00	-1.80	7.80	-	S1	-