



## F805

2.5 A | 87 mil | Pluggable

### Electrical specifications

Temperature [°C]	-45°...+100°	
Impedanz [Ohm]	50	
Frequenz [GHz]	1.2	
	SENSE	POWER
Current [A]	0.5	2.5
R <sub>TYP</sub> [mOhm]	2	20

### Mechanical specifications

	SENSE	POWER
Preload [cN]	10	80
Spring force [cN] at nt ±20%	50	200
Nominal travel [mm]	2.0	2.0
Maximum travel [mm]	2.8	2.5

### Materials and plating

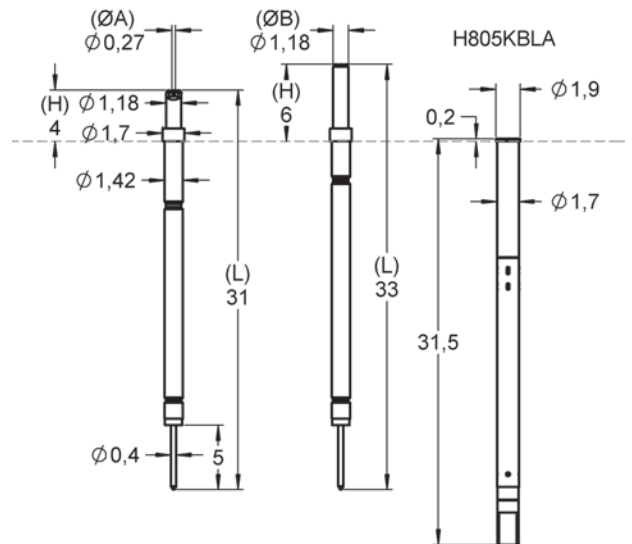
Contact SENSE	BeCu	gold plated
Contact POWER	BeCu	gold plated
Barrel	Bronze	gold plated
Spring SENSE	Stainless steel	gold plated
Spring POWER	Stainless steel	silver plated
Receptacle	Bronze	gold plated

### Accessories

1000084	H805KBLA	Receptacle
1014264	FEWZ-100E0	Insertion tool receptacle
1031229	FDWZ-805	Insertion tool probe

### Series drawing

All measurements are in mm.



### Drill size recommendation (mm)

H805KBLA	1.68 - 1.70
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Order code	Product name	Power	Sense 1	Ø A	Ø B	C	H	Thread [M]	Version	FM Choice
1000083	F80518B0001G250	06	18	0.27	1.18	0.00	4.00	-	-	-
1031155	F80518B0002G250	06	18	0.27	1.18	0.00	6.00	-	-	-
1053045	F80521B0003G250	06	21	0.27	1.18	-0.55	4.20	-	-	-