



F835

10 A | 138 mil | Threaded

Electrical specifications

Temperature [°C]	-45°...+100°	
Impedanz [Ohm]	50	
Frequenz [GHz]	2	
	SENSE	POWER
Current [A]	2	10
R TYP [mOhm]	30	120

Mechanical specifications

	SENSE	POWER
Preload [cN]	15; 50	30; 80
Spring force [cN] at nt ±20%	50; 110	70; 300
Nominal travel [mm]	4.0	4.0
Maximum travel [mm]	5.0	5.0

Materials and plating

Contact SENSE	BeCu	gold plated
Contact POWER	BeCu	gold plated
Barrel	Brass	gold plated
Spring SENSE	Spring steel	silver plated
Spring POWER	Spring steel	gold plated
Receptacle	Brass	gold plated

Accessories

Further receptacles H885 see page 53.

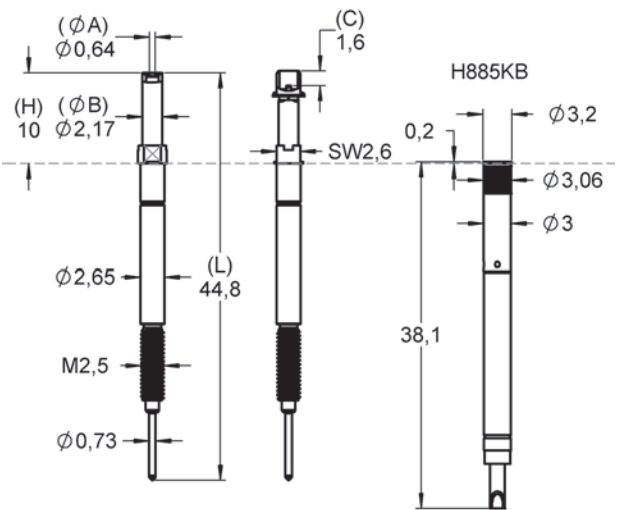
1003642	FEWZ-774E0	Insertion tool receptacle
1009781	FWZ885T	Screw-in tool probe

Drill size recommendation (mm)

Receptacle with knurl	3.00 - 3.02
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Series drawing

All measurements are in mm.



KELVIN PROBES

Order code	Product name	Power	Sense 1	Ø A	Ø B	C	H	Thread [M]	Version	FM Choice
1028543	F83505B0005G120	50 	05 	0.52	2.65	-1.60	10.20	M2.5	HFM-M	
1029805	F83505B0006G120	50 	05 	0.52	3.20	-1.90	10.50	M2.5	MATE AX-M	
1016274	F83509B0001G180	50 	09 	0.64	2.17	0.00	10.00	M2.5	-	-
1036948	F83509B0001G410	50 	09 	0.64	2.17	0.00	10.00	M2.5	-	-
1028639	F83511B0003G120	50 	11 	0.45	2.66	-0.90	9.00	M2.5	MATE AX-F	
1139649	F83511B0009G120	50 	11 	0.45	2.75	-0.90	9.00	M2.5	-	-
1106909	F83511B0010G120	50 	11 	0.60	3.20	-0.40	9.20	M2.5	HFM-F	-
1028542	F83512B0004G120	50 	12 	0.60	3.20	-0.20	9.00	M2.5	HFM-F	
1010018	F83516B0001G410	50 	16 	0.64	2.17	0.00	10.00	M2.5	-	-
1033225	F83527B0007G410	50 	27 	0.64	3.30	6.00	16.00	M2.5	-	-