

F822

6 A | 217 mil | Plugable



Electrical specifications

Temperature [°C]	-45°...+200°	
Impedanz [Ohm]	50	
Frequenz [GHz]	1.2	
	SENSE	POWER
Current [A]	1.6	6
R <sub>TYP</sub> [mOhm]	30	60

Mechanical specifications

	SENSE	POWER
Preload [cN]	100	250
Spring force [cN] at nt ±20%	200	450
Nominal travel [mm]	3.0	2.0
Maximum travel [mm]	3.5	2.6

Materials and plating

Contact SENSE	Steel	longtime gold plated
Contact POWER	BeCu	gold plated
Barrel	Bronze	unplated
Spring SENSE	Stainless steel	unplated
Spring POWER	Stainless steel	unplated
Receptacle	Brass	gold plated

Accessories

Receptacles see H822...

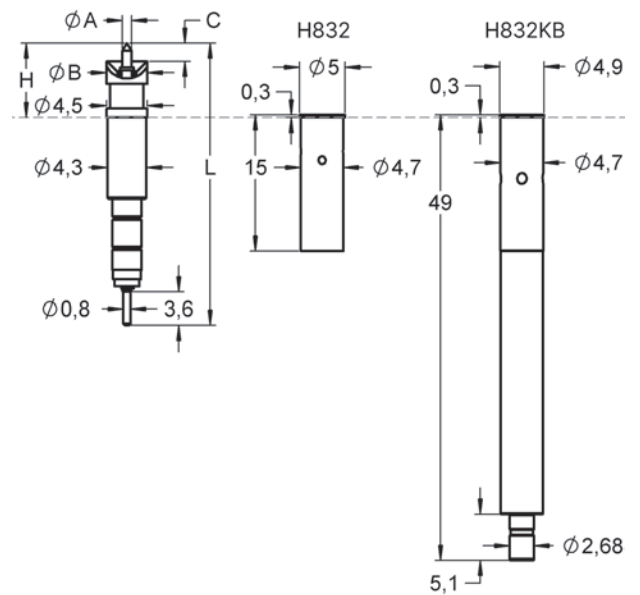
1017393	FEWZ822E0	Insertion tool receptacle
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Drill size recommendation (mm)
























Insulation receptacle H822IS	5.56 - 5.57
Receptacle without knurl	4.68 - 4.69

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
1017244	F82202S0016L650	05 	02 	1.50	4.00	1.00	7.20	-	-	-
1017322	F82203S0001L650	05 	03 	0.60	4.00	2.00	8.20	-	-	
1017248	F82203S0003L650	05 	03 	1.00	4.00	2.00	8.20	-	-	-
1017321	F82203S0011L650	05 	03 	0.50	4.00	2.00	8.20	-	-	
1017249	F82203S0015L650	05 	03 	1.00	4.50	3.50	9.70	-	-	-
1003343	F82205S0001L650	05 	05 	1.00	4.00	2.00	8.20	-	-	-
1009720	F82205S0007L650IK25	05 	05 	0.60	4.00	-2.50	10.5	-	FAKRA Male	
1017245	F82209S0016L650	05 	09 	1.50	4.00	1.00	7.20	-	-	-
1017247	F82211S0012L650	05 	11 	0.64	4.50	3.50	9.70	-	-	-
1004035	F82217S0006L650	05 	17 	1.50	4.00	1.00	7.20	-	-	