

Kelvin Probe 138 mil Threaded F835

Centers (mm/mil)	3,50 / 138
Temperature	-20°C...+80°C
Current (Circular)	10,0 A
Current (Internal)	2,0 A
Z	50 Ohm
Frequency	2,0 GHz

Spring Force Total (cN ±20%)

	Preload	Nominal Force
total	-	410
Internal Contact	50	110
Circular Contact	80	300

Travel (mm)

	Nominal	Maximum
Internal Contact	4,0	5,0
Circular Contact	4,0	5,0
Wrench Size	2,6	
Thread	2,5	

Materials and Plating

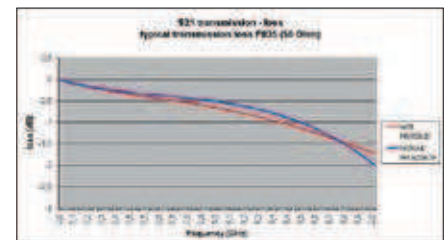
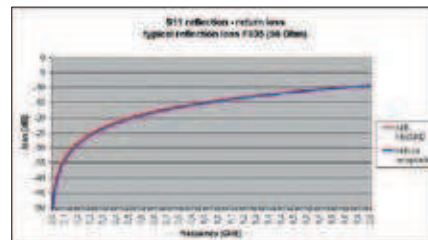
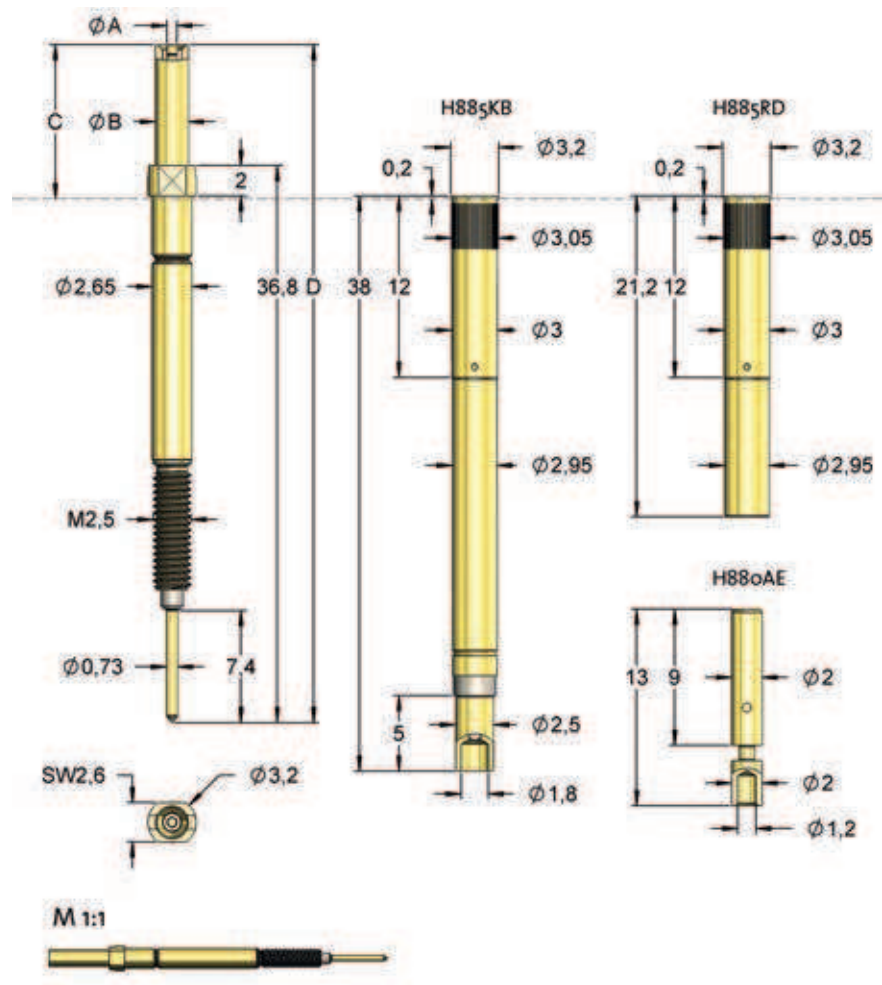
Internal Contact	BeCu, gold plated
Circular Contact	BeCu, gold plated
Barrel	Brass, gold plated
Spring Internal Contact	silver plated, Music wire
Spring Circular Contact	Music wire, silver plated
Receptacle	Brass, gold plated

Accessories

Insertion tool receptacle	FEWZ-774E0
Screw-in tool probe	FWZ885 (T)

Drill Size (mm)

Receptacle without knurl	2,98 - 2,99
Receptacle with knurl	3,00 - 3,02



Type	number	Spring Force
F 835	16 B 0001 G	410
Tip Style	Material	Finish
Material:	B = BeCu, S = Steel	
number:	see table	
Finish:	G = Gold	
Receptacle:	Order Code according drawing	
At the Order Code of coaxial versions you will find a number instead of the coded tip-Ø. This number shows in the table the belonging spade dimensions.		
ORDER EXAMPLE		

Tip Style	Number	Plating	Ø in mm	Version
	16	G	0,64	-

F835	Tip Style	Number	Ø A	Ø B	C	D	E	Version
F83509B0001G180	09	0001	0,64	2,17	10,20	44,80	-	
F83516B0001G410	16	0001	0,64	2,17	10,20	44,80	-	