



Radio Frequency Probes

HF860PCBGS016G830MCXfP

Order code 1021014

General

Design	Coaxial Probe
Family	HF860
Pitch [mm/mil]	6.00 / 236
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current [A]	5.00
Impedance [ohm]	50.00
Frequency [GHz]	6.00
Continuous current 2 [A]	3.00

Inner contact specifications

Preload 2 [cN]	40.00
Spring force 2 [cN]	80.00

Mechanical specifications

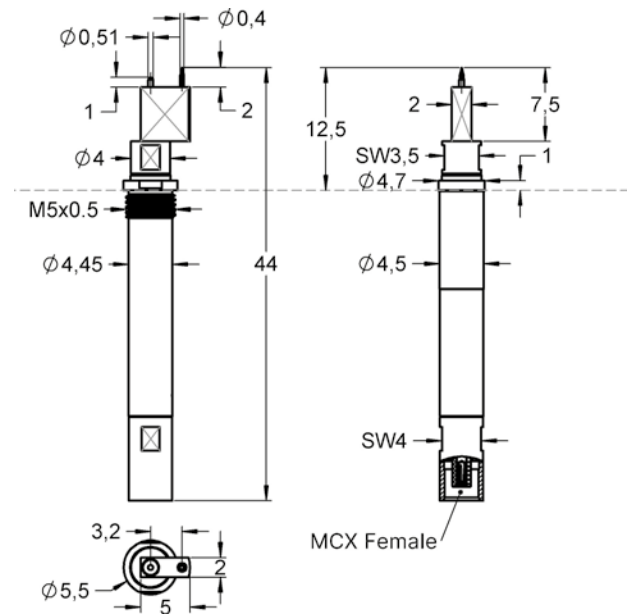
Preload [cN]	450.00
Spring force [cN]	750.00
Nominal travel [mm]	3.00
Maximum travel [mm]	4.00
Tool size [mm]	3.5/4.0
Connection type (flux-proof)	Plug
DUT	PCB-GS

Dimensions

Total length [mm]	44.00
Projection height [mm]	12.50
Tip style diameter [mm]	8.00
Barrel diameter [mm]	4.50
Collar diameter [mm]	4.70
Press ring diameter [mm]	4.70
Inside/outside distance [mm]	1.00
Tip style diameter 2 [mm]	0.51

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	18
Tip style 2	11
Tip style material	Brass
Tip style plating	Gold
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated
Plunger material 2	Beryllium copper
Plunger plating 2	Gold
Spring material 2	Spring steel
Spring plating 2	Gold

Accessories

Tool for probe	1012654-FWZ860SW35
Other	1020933-H860FL, 1012573-H860

Tip style 1



Tip style 2

