

Radio Frequency Probes

HF89002B0002G910

Item number 1042148

General

Type/family	HF890
Pitch (mm/mil)	12,0 / 472
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current (A)	10.00
Impedance (ohm)	50.00
Frequency (GHz)	12.00
Continuous current 2 (A)	3.00

Inner contact specifications

Nominal travel 2 (mm)	1.20
Maximum travel 2 (mm)	1.90
Preload 2 (cN)	75.00
Spring force 2 (cN)	110.00

Mechanical specifications

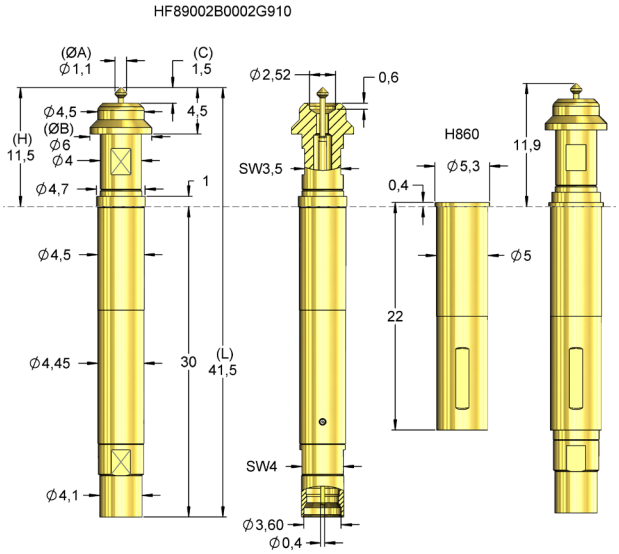
Preload (cN)	450.00
Spring force (cN)	800.00
Nominal travel (mm)	4.00
Maximum travel (mm)	5.00
Tool size (mm)	3,5/4,0
DUT	MMBX-f und SMA-f

Dimensions

Total length (mm)	41.50
Projection height (mm)	11.50
Tip style diameter (mm)	6.00
Barrel diameter (mm)	4.50
Collar diameter (mm)	4.70
Press ring diameter (mm)	4.70
Inside/outside distance (mm)	1.50
Tip style diameter 2 (mm)	1.10

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	02
Tip style 2	02
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated
Plunger material 2	Beryllium cooper
Plunger plating 2	Gold
Spring material 2	Spring steel
Spring plating 2	Gold

Accessories

Receptacle	H860
Tool for receptacle	FEWZ-822E0