

Radio Frequency Probes

HF86002B0005G530M

Item number 1038930

General

Design	Coaxial Probe
Type/family	HF860
Pitch (mm/mil)	6,50 / 256
Temperature [C°]	-45°C...+100°C
Additional definition	M

Electrical specifications

Continuous current (A)	10.00
Impedance (ohm)	50.00
Frequency (GHz)	6.00
Continuous current 2 (A)	3.00

Inner contact specifications

Nominal travel 2 (mm)	2.00
Maximum travel 2 (mm)	3.70
Preload 2 (cN)	75.00
Spring force 2 (cN)	130.00

Mechanical specifications

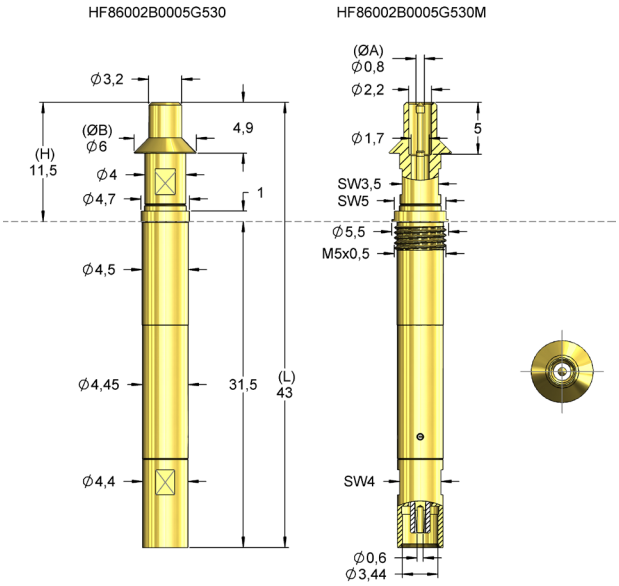
Preload (cN)	90.00
Spring force (cN)	400.00
Nominal travel (mm)	4.00
Maximum travel (mm)	5.00
Thread	M5X0,5
Tool size (mm)	3,5/4,0/5,0
DUT	SMB-Female

Dimensions

Total length (mm)	43.00
Projection height (mm)	11.50
Tip style diameter (mm)	3.20
Barrel diameter (mm)	4.50
Collar diameter (mm)	5.50
Press ring diameter (mm)	5.50
Tip style diameter 2 (mm)	0.80

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	H860RD
Tool for receptacle	FEWZ-822E0