

Radio Frequency Probes

HF86005B0015G450M

Item number 1039072

General

Design	Coaxial Probe
Type/family	HF860
Pitch (mm/mil)	14,0 / 551
Temperature [C°]	-45°C...+100°C
Additional definition	M

Electrical specifications

Impedance (ohm)	50.00
Frequency (GHz)	2.00

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

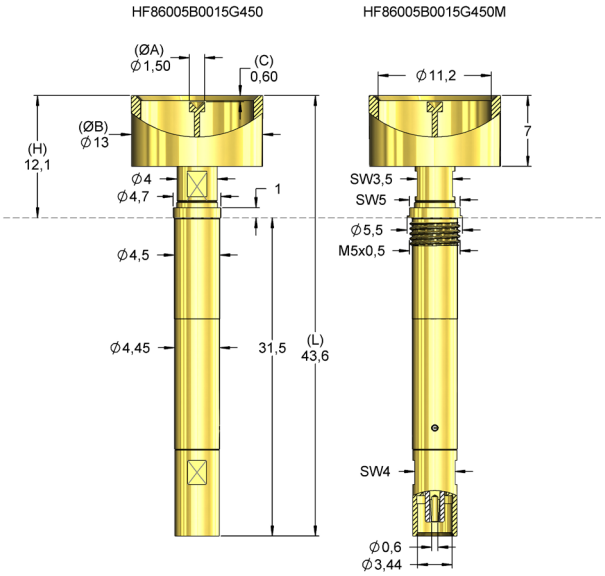
Preload (cN)	90.00
Spring force (cN)	320.00
Nominal travel (mm)	3.00
Maximum travel (mm)	4.00
Thread	M5X0,5
Tool size (mm)	3,5/4,0/5,0
DUT	R-TNC-F

Dimensions

Total length (mm)	43.60
Projection height (mm)	12.10
Tip style diameter (mm)	13.00
Barrel diameter (mm)	4.50
Collar diameter (mm)	5.50
Press ring diameter (mm)	5.50
Inside/outside distance (mm)	-0.60
Tip style diameter 2 (mm)	1.50

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	05
Tip style 2	05
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	High-grade steel
Spring plating 2	Uncoated

Accessories

Receptacle	H860
Tool for receptacle	FEWZ-822E0