

Radio Frequency Probes

HF66-0043

Item number 1036633

General

Design	Coaxial Probe
Type/family	HF66
Pitch (mm/mil)	10,0 / 394
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current (A)	5.00
Impedance (ohm)	50.00
Frequency (GHz)	8.00
Continuous current 2 (A)	1.00

Inner contact specifications

Nominal travel 2 (mm)	0.50
Maximum travel 2 (mm)	0.90
Preload 2 (cN)	95.00
Spring force 2 (cN)	120.00

Mechanical specifications

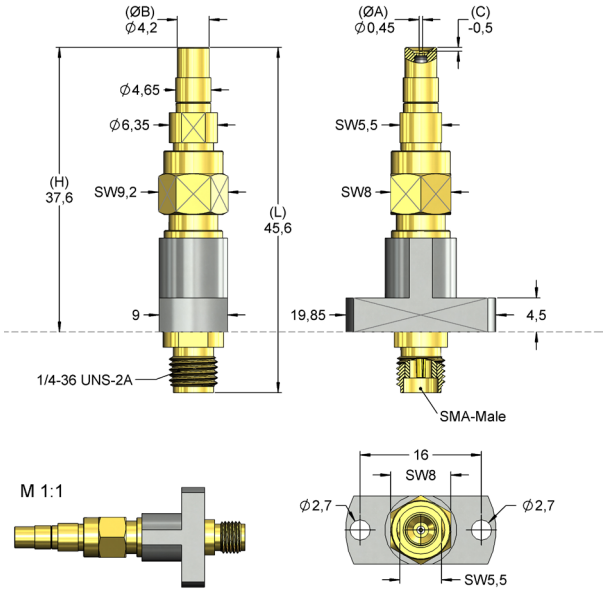
Preload (cN)	300.00
Spring force (cN)	500.00
Nominal travel (mm)	1.00
Maximum travel (mm)	1.70
Tool size (mm)	8
DUT	U.FL

Dimensions

Total length (mm)	45.60
Tip style diameter (mm)	4.20
Barrel diameter (mm)	9.50
Inside/outside distance (mm)	0.50
Tip style diameter 2 (mm)	0.45

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	05
Tip style 2	17
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Nickel
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