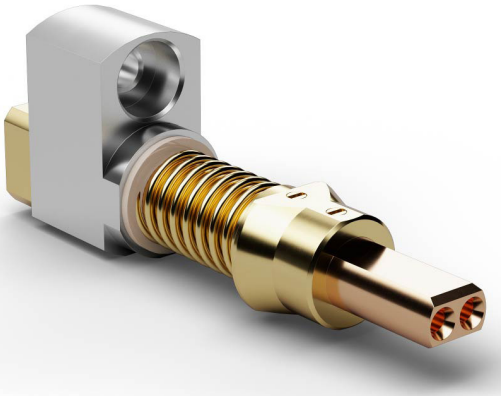


Radio Frequency Probes

HF77-0006BG01-1

Item number 1097821

General

Design	Coaxial Probe
Type/family	HF77
Pitch (mm/mil)	4,00 / 157
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current (A)	1.00
Impedance (ohm)	100.00
Frequency (GHz)	1.00
Continuous current 2 (A)	1.00

Inner contact specifications

Nominal travel 2 (mm)	0.90
Maximum travel 2 (mm)	1.20
Preload 2 (cN)	130.00
Spring force 2 (cN)	195.00

Mechanical specifications

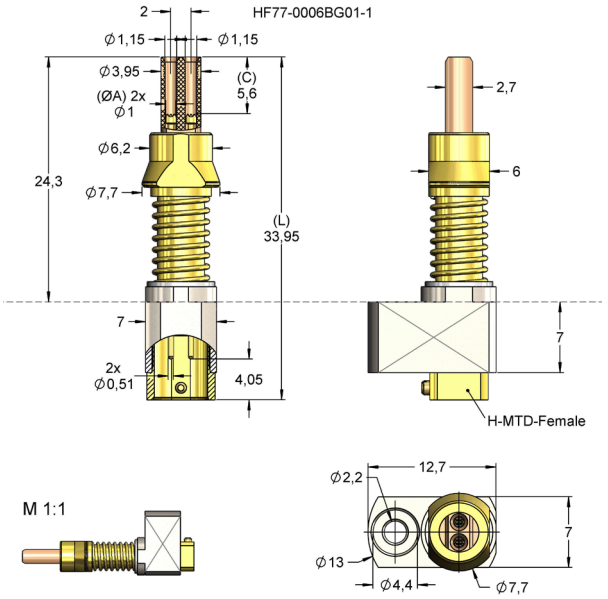
Preload (cN)	470.00
Spring force (cN)	630.00
Nominal travel (mm)	2.50
Maximum travel (mm)	3.50
Connection type (flux-proof)	Plug
DUT	MATEnet Male 1 Pos

Dimensions

Total length (mm)	33.95
Projection height (mm)	24.30
Tip style diameter (mm)	1.00
Barrel diameter (mm)	7.70
Inside/outside distance (mm)	5.60
Tip style diameter 2 (mm)	1.00

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	06
Tip style 2	06
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Gold
Plunger material 2	Beryllium cooper
Plunger plating 2	Gold
Spring material 2	Spring steel
Spring plating 2	Gold