

Radio Frequency Probes

HF77-0003BG02-1

Item number 1082740

General

Design	Coaxial Probe
Type/family	HF77
Pitch (mm/mil)	12,0 / 472
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current (A)	1.20
Impedance (ohm)	100.00
Frequency (GHz)	14.00
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

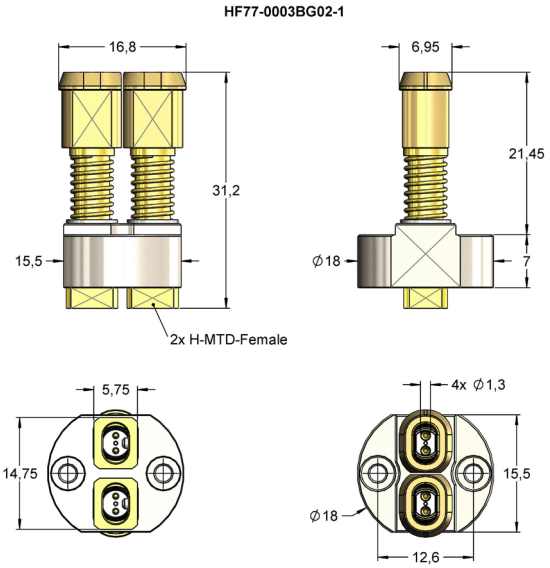
Preload (cN)	470.00
Spring force (cN)	630.00
Nominal travel (mm)	2.50
Maximum travel (mm)	3.50
DUT	H-MTD Male 2 Pos

Dimensions

Total length (mm)	31.20
Tip style diameter (mm)	8.50
Tip style diameter 2 (mm)	1.30

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	50
Tip style 2	50
Tip style material	Brass
Tip style plating	Uncoated
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