



Radio Frequency Probes

HF66SWG016G520SMAfF

Order code 1105636

General

Design	Coaxial Probe
Family	HF66
Pitch [mm/mil]	9.00 / 354
Temperature [C°]	-45°C...+100°C

Electrical specifications

Impedance [ohm]	50.00
Frequency [GHz]	6.00

Inner contact specifications

Nominal travel 2 [mm]	0.30
Maximum travel 2 [mm]	1.10
Preload 2 [cN]	100.00
Spring force 2 [cN]	120.00

Mechanical specifications

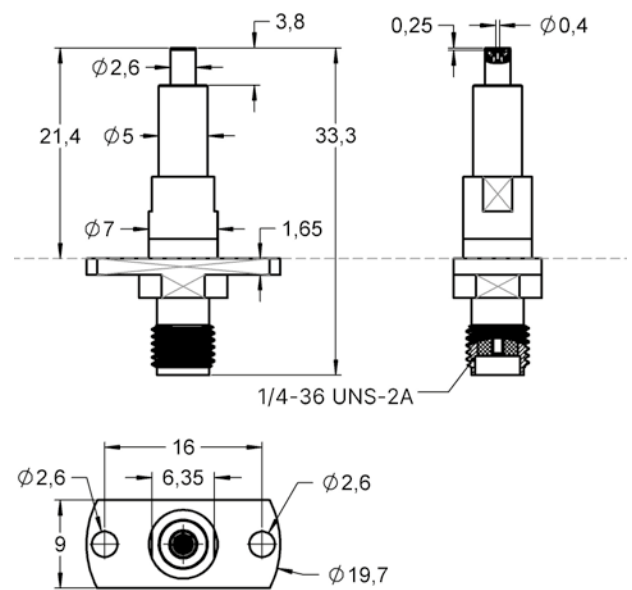
Preload [cN]	220.00
Spring force [cN]	400.00
Nominal travel [mm]	0.80
Maximum travel [mm]	1.50
Tool size [mm]	6.35
Connection type (flux-proof)	Jack
DUT	SWG

Dimensions

Total length [mm]	33.25
Projection height [mm]	21.40
Tip style diameter [mm]	2.60
Barrel diameter [mm]	7.00
Inside/outside distance [mm]	0.25
Tip style diameter 2 [mm]	0.40

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	50
Tip style 2	11
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Beryllium copper
Barrel plating	Gold
Spring material	Spring steel
Spring plating	Gold
Plunger material 2	Beryllium copper
Plunger plating 2	Gold
Spring material 2	Spring steel
Spring plating 2	Gold

Accessories

Other	1032462-HFAEMSMPf6GSMaML300
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Tip style 1



Tip style 2

