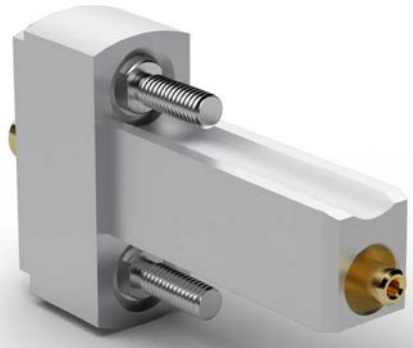
FEINMETALL
Contact Technologies



Radio Frequency Probes

HF77MATEAXm0112G540MSMPmFV2

Order code 1116970

General

Design	Coaxial Probe
Family	HF77
Pitch [mm/mil]	7.5/295
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current [A]	0.50
Impedance [ohm]	50.00
Frequency [GHz]	12.00
Continuous current 2 [A]	0.10

Inner contact specifications

Nominal travel 2 [mm]	0.50
Maximum travel 2 [mm]	1.80
Preload 2 [cN]	95.00
Spring force 2 [cN]	120.00

Mechanical specifications

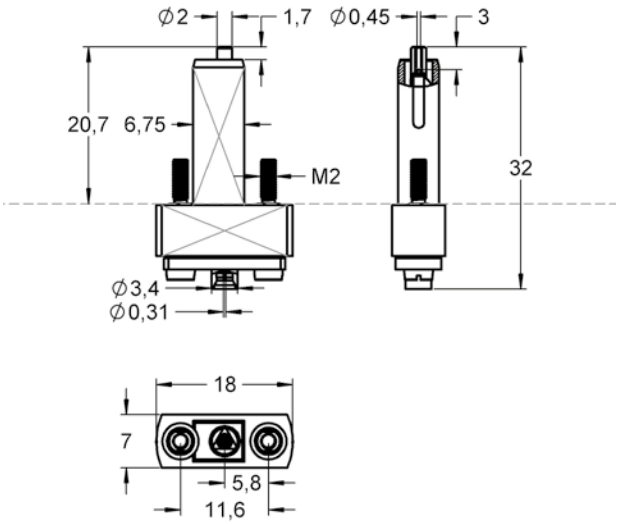
Preload [cN]	230.00
Spring force [cN]	420.00
Nominal travel [mm]	2.00
Maximum travel [mm]	2.80
Connection type (flux-proof)	Connection Element
DUT	MATE-AX Male 1 Pos

Dimensions

Total length [mm]	32.00
Projection height [mm]	29.40
Tip style diameter [mm]	0.31
Inside/outside distance [mm]	2.20
Tip style diameter 2 [mm]	0.45

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	39
Tip style 2	16
Plunger material	Beryllium copper
Plunger plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated
Plunger material 2	Beryllium copper
Plunger plating 2	Gold
Spring material 2	Spring steel
Spring plating 2	Gold

Accessories

Other	1057640-HFAEMSMPf12GSMAmL500, 1035527-HF77MATEAXm0112G540MSMPmP

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Tip style 1



Tip style 2



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