



Radio Frequency Probes

HF860RSMaf016G590MCXfP

Order code 1133017

General

Design	Coaxial Probe
Family	HF860
Pitch [mm/mil]	8.50 / 335
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current [A]	10.00
Impedance [ohm]	50.00
Frequency [GHz]	6.00
Continuous current 2 [A]	3.00

Inner contact specifications

Nominal travel 2 [mm]	2.00
Maximum travel 2 [mm]	2.40
Preload 2 [cN]	115.00
Spring force 2 [cN]	190.00

Mechanical specifications

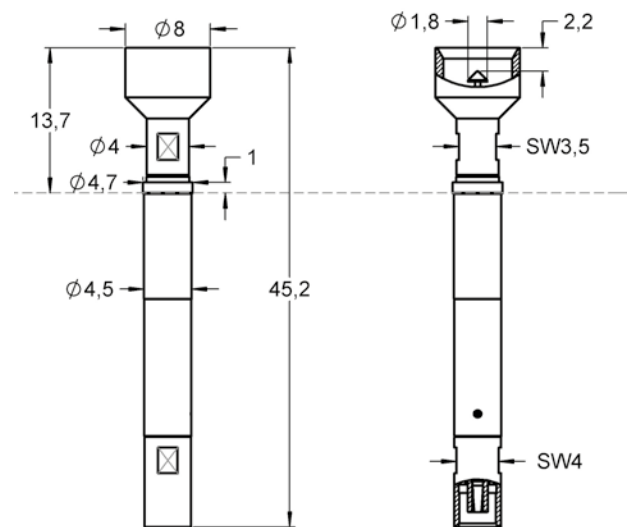
Preload [cN]	90.00
Spring force [cN]	400.00
Nominal travel [mm]	4.00
Maximum travel [mm]	5.00
Tool size [mm]	3.5/4.0
Connection type (flux-proof)	Plug
DUT	R-SMA-Female

Dimensions

Total length [mm]	45.20
Projection height [mm]	13.70
Tip style diameter [mm]	8.00
Barrel diameter [mm]	4.40
Collar diameter [mm]	4.70
Press ring diameter [mm]	4.50
Inside/outside distance [mm]	-2.20
Tip style diameter 2 [mm]	1.50

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	05
Tip style 2	05
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel 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

Receptacle	H860
Tool for receptacle	FEWZ-822E0
Tool for probe	1035933-FZWZ-005
Other	1012574-HFAEMCXm0GLAL700, 1012580-HFAEMCXm10GSMAmL700, 1022552-HFAEMCXm3GSMAmL700, 1022553-HFAEMCXm3GBNCmL700, 1033199-HFAEMCXm6GSMAmL1500

Tip style 1

