



HF860

8 GHz | SMA Female

Electrical specifications

Temperature [°C]	-45°...+100°
Current INTERNAL [A]	3
Current CIRCULAR [A]	10
Impedance [Ohm]	50
Frequency [GHz]	8

Mechanical specifications

	SIGNAL	GROUND
Preload (cN)	75 / 115	90 / 450
Spring force at nt (cN ±20%)	130 / 190	400 / 800
Nominal travel (mm)	2.0	4.0
Maximum travel (mm)	3.7	5.0

Materials and plating

Contact SIGNAL	BeCu	gold plated
Contact GROUND	BeCu	gold plated
Barrel	Brass	gold plated
Spring SIGNAL	Spring steel	gold plated
Spring GROUND	Stainless steel	unplated
Receptacle	Brass	gold plated

Accessories

Receptacles H860 see page 132.

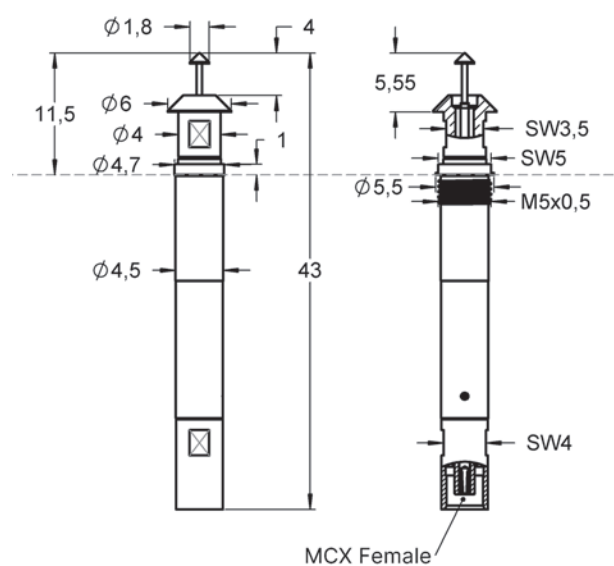
1017393	FEWZ-822E0	Insertion tool receptacle
1012575	F08602B180G130	Inner pin
1035933	FZWZ-005	Assembly tool
Interface	MCX Female	see page 130

Order code Product name

1038913	HF860SMAf018G530MCXfS
1012583	HF860SMAf018G530MCXfP
1038922	HF860SMAf018G990MCXfS
1033156	HF860SMAf018G990MCXfP

Series drawing

All measurements are in mm.



Radio Frequency performance

Typical insertion loss	DC up to 3 GHz	3 GHz up to 6 GHz
Maximum	0.1 dB	0.2 dB
Typical return loss	DC up to 3 GHz	3 GHz up to 6 GHz
Minimum	22 dB	16 dB

This table shows the reference values in the middle and at the end of the recommended frequency.