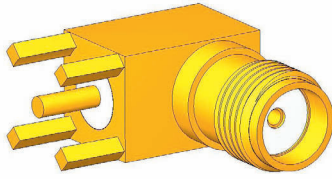
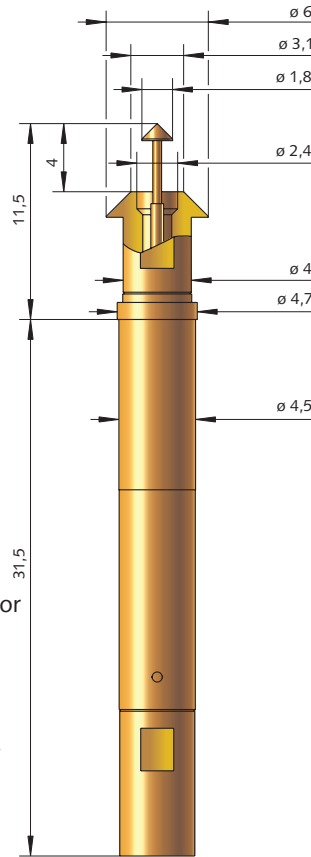


Grid:  
 ≥ 6,5 mm  
 ≥ 256 Mil

SMA Plugs/Jacks see pages 27 - 29



Example: 85 SMA-50-0-101



Further HFS-probe for contacting of female SMA interfaces:  
**HFS-860 308 180 A 5343 E**  
 This Probe is centered via the outer plunger instead of the inner conductor.

Also available:  
 HFS for male SMA-Interfaces:  
**HFS 8x0 308 150 A 5343 E3**

Centering Area: ± 0,3 mm

**Mechanical Data**

	Outer Conductor	Inner Conductor
Working Stroke:	4,0 mm	2,0 mm
Maximum Stroke:	5,0 mm	3,7 mm

**Spring Force**

The Spring-Loaded Inner- and Outer Conductors are available with different Spring Forces. To create the Ordering No. the individual values must be added together (see also „Ordering Example“ below).

Spring Force of Inner Conductor (N)	1,3	2,0	1,3	2,0
Spring Force of Outer Conductor (N)	4,0	4,0	8,0	8,0
Character of ordering	53	60	93	99

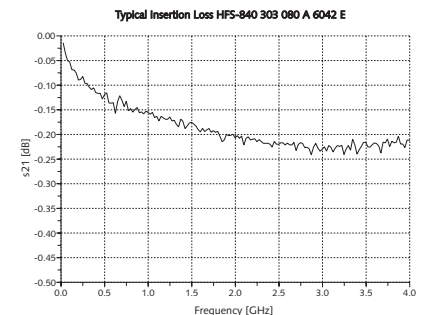
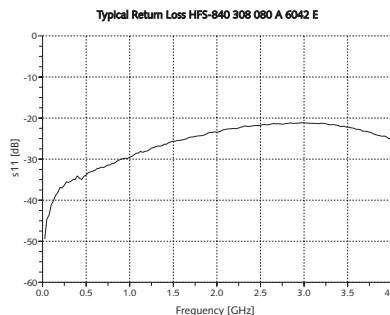
Operating Temperature: – 40 up to + 80 °C

**Electrical Data**

Frequency Range with HFS-810: up to 2 GHz  
 Frequency Range with HFS-840: up to 4 GHz

**Current Rating**

Outer Conductor: 8–10 A  
 Inner Conductor: 2–3 A  
 R<sub>i</sub> typical Inner Conductor: ≤ 10 m Ω  
 Impedance Test Probe: 50 Ω  
 Impedance Cable: 50 Ω



**Ordering Example:**

Series	Tip Material	Tip Style	Tip Diameter	Plating	Spring Force	Outer-Plunger	Type
	2 = Steel 3 = BeCu		(1/100 mm)	A = Gold	(dN)		

Test Probe for Frequency Range up to 2 GHz:

HFS 810 3 08 180 A 60 42 E

Test Probe for Frequency Range up to 4 GHz:

HFS 840 3 08 180 A 60 42 E

MCX-Connector with RF-Coaxial Cable RG 316 / U pre-wired, length 0,7 m (Special lengths on request):  
 Receptacle:

SE-810 V-U (Grid >5,08 mm) SE-810 V (Grid 5,08 mm)  
 KS - 810

Further Information see page „Accessories“.

All specifications are subject to change without prior notification

HFS-810/840  
HFS-810 M  
HFS-840 M