

# Radio-frequency probe

## HFS-810 201 051 A 7629 V2

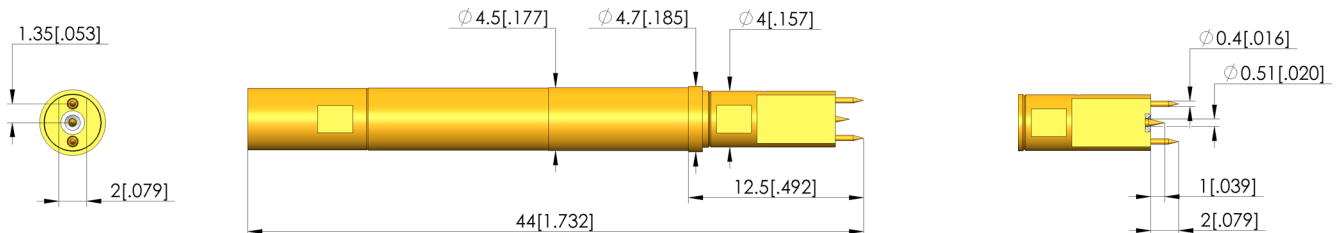
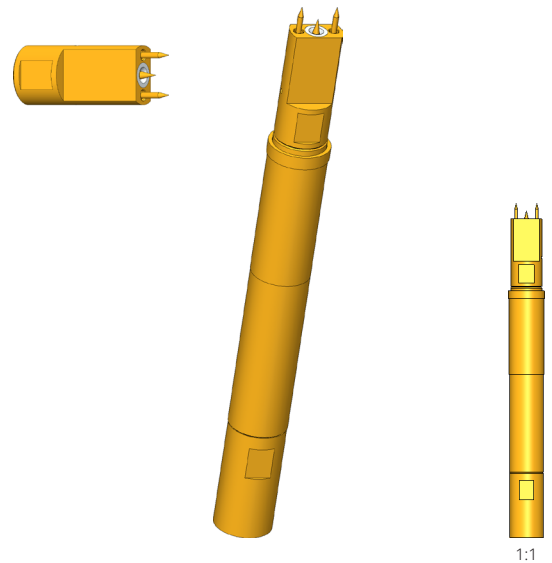
Item HFS-810-0389



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- Long standard series
- Up to 2 GHz
- Cable interface MCX
- Plug-in version
- Receptacles: KS-810, KS-810 R, KS-810 F



### General data

Product group:	HFS radio-frequency test probes
Series:	HFS-810
Sub-series:	HFS-810
Grid:	5.8 mm [228 mil]
DUT / contact:	PCB pad GSG
Installation type:	Plug-in
Floating mount:	No
Non-rotating:	Yes
Continuous plunger:	Yes
Interface of compatible assembly:	MCX 50 Ohm
Compatible assembly interface gender :	M signal conductor male / pin
KS sub-series:	KS-810, press-in version
Min. temperature:	- 40 °C [- 104 °F]
Max. temperature:	+ 80 °C [+ 176 °F]
RoHS-compliant:	RoHS-3;6a;6c

### Outer conductor data

Outer conductor tip style:	29 spade, flat with flat head
Outer conductor tip style diameter:	4 mm [.157 in]
Spring force of entire outer conductor at working stroke:	7.6 N [27.3 ozf]
Outer conductor working stroke:	5 mm [.196 in]
Outer conductor maximum stroke:	6.5 mm [.255 in]
Exchangeable outer conductor:	KO-810-0044
Outer conductor max. current load capacity:	3 A

### Inner conductor data

Inner conductor tip style:	01 30° needle tip, self-cleaning
Inner conductor tip style diameter:	0.51 mm [.020 in]
Inner conductor tip style material:	2 steel
Inner conductor tip style surface:	A gold
Number of inner conductors:	1
Exchangeable inner conductor:	UKS-051201051A
Inner conductor working stroke:	0 mm [0 in]
Spring force of each inner conductor at working stroke:	0 N [0 ozf]
Inner conductor maximum stroke:	0 mm [0 in]
Inner conductor max. current load capacity:	2 A

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### Electrical data

Frequency range up to:  
Impedance:

2 GHz  
50 Ohm

### Mechanical data

Total spring force at working stroke:  
Total length:  
Barrel diameter:  
Installation height without receptacle:

7.6 N [27.3 ozf]  
44 mm [1.73 in]  
4.5 mm [.177 in]  
12.5 mm [.492 in]

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