

Radio-frequency probe

HFS-840 201 051 A 9306 S 4M

Item HFS-840-0251

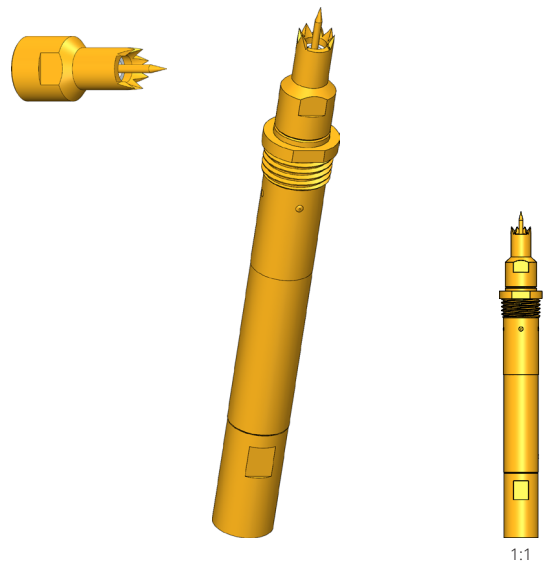


GO TO PRODUCT

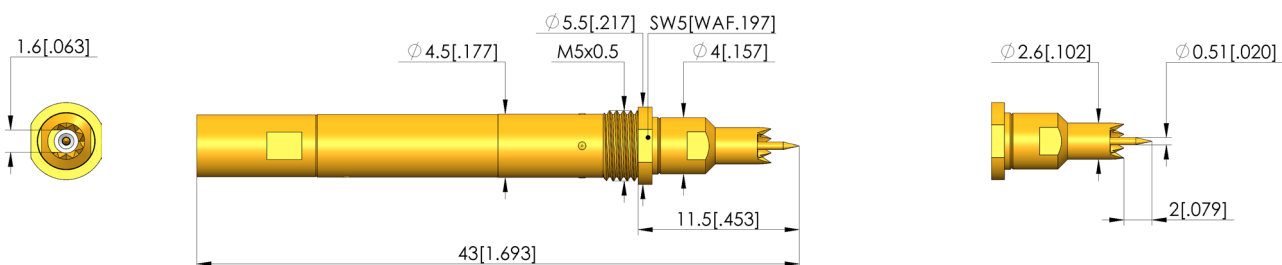
ingun[®]

Partner for Future Technology

- Long standard series
- Up to 4 GHz
- Cable interface MCX
- Screw-in version of asymmetrical probes, with additional crimp point to secure positioning
- Receptacles: KS-810 M5-R, KS-810 M5-F



1:1



General data

| | |
|--|---|
| Product group: | HFS radio-frequency test probes |
| Series: | HFS-840 |
| Sub-series: | HFS-840 4M screw-in with adjustable positioning |
| Grid: | 6.5 mm [255 mil] |
| DUT / contact: | PCB coax, open |
| Installation type: | Screw-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 M, screw-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: | 06 serrated |
| Outer conductor tip style diameter: | 2.6 mm [.102 in] |
| Spring force of entire outer conductor at working stroke: | 8 N [28.7 ozf] |
| Outer conductor working stroke: | 4 mm [.157 in] |
| Outer conductor maximum stroke: | 5 mm [.196 in] |
| Exchangeable outer conductor: | KO-810-0164 |
| Outer conductor max. current load capacity: | 10 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: | GKS-051-0001 |
| Inner conductor working stroke: | 2 mm [.078 in] |
| Spring force of each inner conductor at working stroke: | 1.3 N [4.67 ozf] |
| Inner conductor maximum stroke: | 3.7 mm [.145 in] |
| Inner conductor max. current load capacity: | 2 A |

Radio-frequency probe

HFS-840 201 051 A 9306 S 4M

Item HFS-840-0251



GO TO PRODUCT

ingun[®]

Partner for Future Technology

Electrical data

Frequency range up to:

Impedance:

Dielectric strength:

4 GHz

50 Ohm

1.1 kV

Mechanical data

Total spring force at working stroke:

Total length:

Barrel diameter:

Installation height without receptacle:

Torque in receptacle:

9.3 N [33.4 ozf]

43 mm [1.69 in]

4.5 mm [.177 in]

11.5 mm [.452 in]

10 - 20 cNm [.885 - 1.77 lbf·in]

INGUN Prüfmittelbau GmbH

Max-Stromeyer-Straße 162

78467, Constance, Germany

Phone +49 7531 8105-0

Customer hotline +49 7531 8105-888

Fax +49 7531 8105-65

info@ingun.com



Prices and delivery times on request.
Technical changes reserved. 04/24_GB

Learn more about
Radio-frequency test probes



ingun.com

PCB