

# Radio-frequency probe

## HFS-810 358 080 A 4802 V2-00S

Item HFS-810-0142

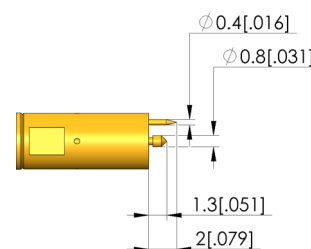
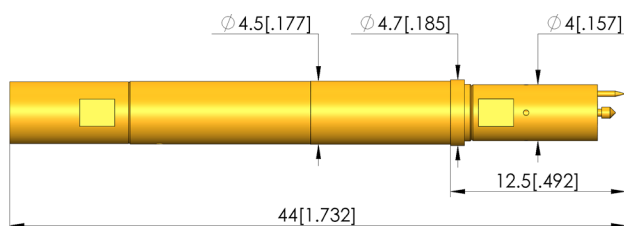
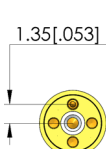
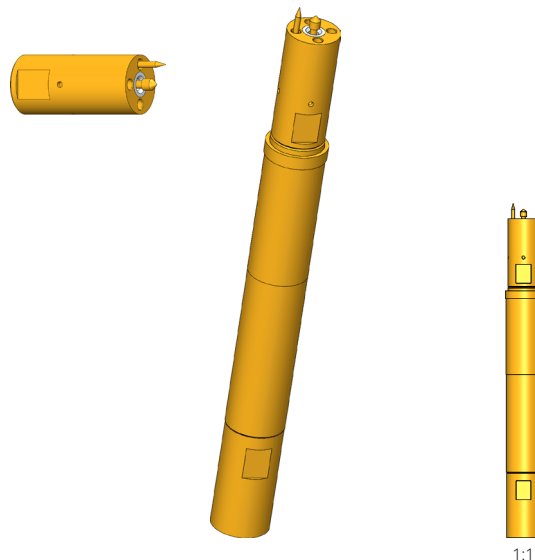


GO TO PRODUCT

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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 SG                      |
| 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:                                | 01 30° needle tip, self-cleaning |
| Outer conductor tip style diameter:                       | 4 mm [.157 in]                   |
| Spring force of entire outer conductor at working stroke: | 4.8 N [17.2 ozf]                 |
| Outer conductor working stroke:                           | 5 mm [.196 in]                   |
| Outer conductor maximum stroke:                           | 6.5 mm [.255 in]                 |
| Exchangeable outer conductor:                             | KO-810-0057                      |
| Outer conductor max. current load capacity:               | 2 A                              |

### Inner conductor data

|   |   |
|---|---|
| Inner conductor tip style:                              | 58 90° conical, self-cleaning, special length |
| Inner conductor tip style diameter:                     | 0.8 mm [.031 in]                              |
| Inner conductor tip style material:                     | 3 CuBe  |
| Inner conductor tip style surface:                      | A gold  |
| Number of inner conductors:                             | 1   |
| Exchangeable inner conductor:                           | GKS-051-0034                                  |
| 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:             | 3 A   |

RADIO-FREQUENCY TEST PROBES

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## HFS-810 358 080 A 4802 V2-00S

Item HFS-810-0142



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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:

4.8 N [17.2 ozf]

44 mm [1.73 in]

4.5 mm [.177 in]

12.5 mm [.492 in]

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