

Radio-frequency probe

HFS-810 358 180 A 8042 Q

Item HFS-810-0557

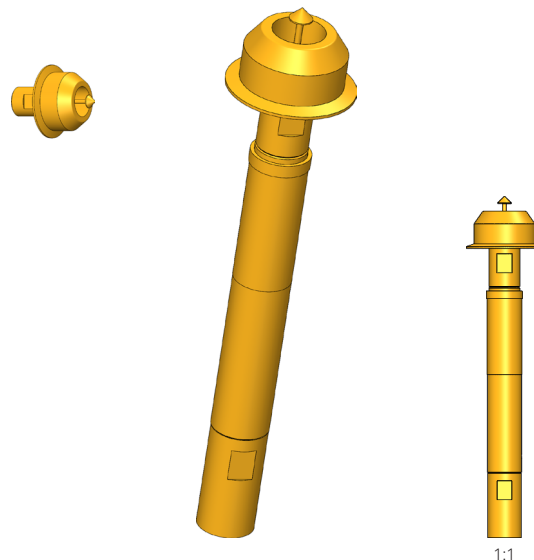


GO TO PRODUCT

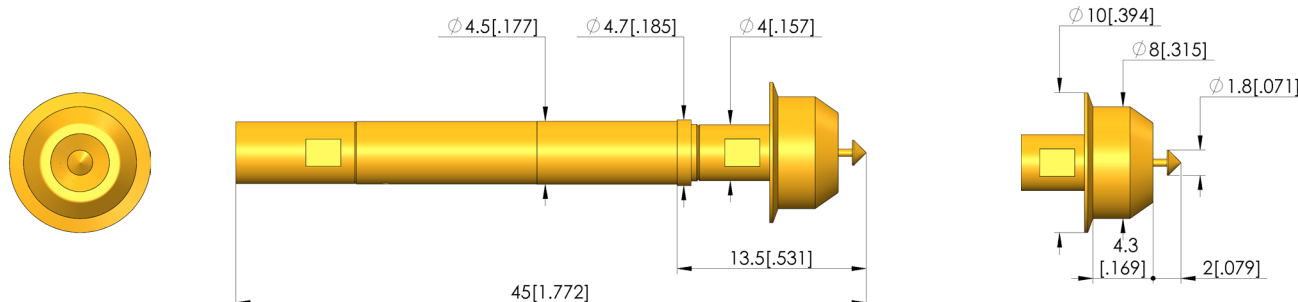
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- Long standard series
- Up to 2 GHz
- Cable interface MCX
- Plug-in version
- Receptacles: KS-810, KS-810 R, KS-810 F



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General data

| | |
|--|------------------------------------|
| Product group: | HFS radio-frequency test probes |
| Series: | HFS-810 |
| Sub-series: | HFS-810 |
| Grid: | 10.5 mm [413 mil] |
| DUT / contact: | N |
| Installation type: | Plug-in |
| DUT interface gender : | F signal conductor female / socket |
| 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;6c |

Outer conductor data

| | |
|---|--|
| Outer conductor tip style: | 42 centring for inner side of plug connector |
| Outer conductor tip style diameter: | 10 mm [.393 in] |
| Spring force of entire outer conductor at working stroke: | 6 N [21.5 ozf] |
| Outer conductor working stroke: | 4 mm [.157 in] |
| Outer conductor maximum stroke: | 5 mm [.196 in] |
| Exchangeable outer conductor: | KO-8101421000A-Q |
| Outer conductor max. current load capacity: | 10 A |

Inner conductor data

| | |
|---|---|
| Inner conductor tip style: | 58 90° conical, self-cleaning, special length |
| Inner conductor tip style diameter: | 1.8 mm [.070 in] |
| Inner conductor tip style material: | 3 CuBe |
| Inner conductor tip style surface: | A gold |
| Number of inner conductors: | 1 |
| Exchangeable inner conductor: | GKS-051-0063 |
| Inner conductor working stroke: | 2 mm [.078 in] |
| Spring force of each inner conductor at working stroke: | 2 N [7.19 ozf] |
| Inner conductor maximum stroke: | 3.2 mm [.125 in] |
| Inner conductor max. current load capacity: | 3 A |

RADIO-FREQUENCY TEST PROBES

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Electrical data

Frequency range up to:
Impedance:
Dielectric strength:

2 GHz
50 Ohm
1.1 kV

Mechanical data

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

8 N [28.7 ozf]
45 mm [1.77 in]
4.5 mm [.177 in]
13.5 mm [.531 in]

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