Radio-frequency probe

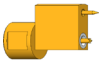
# HFS-840 204 051 A 8802 V1-AS3

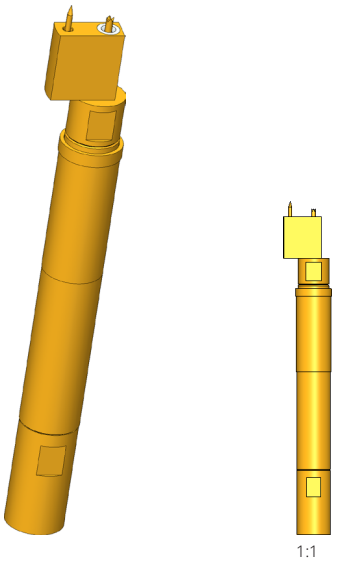
Item HFS-840-0062

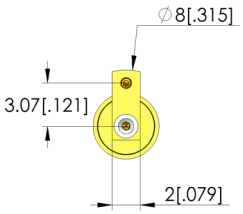
GO TO PRODUCT

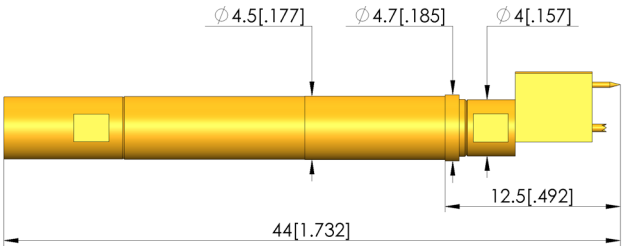
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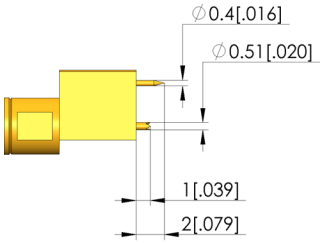
- Long standard series
- Up to 4 GHz
- Cable interface MCX
- Plug-in version
- Receptacles: KS-810, KS-810 R, KS-810 F






RADIO-FREQUENCY TEST PROBES

Radio-frequency probe

# HFS-840 204 051 A 8802 V1-AS3

Item HFS-840-0062

GO TO PRODUCT

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## General data

| | |
|---|---|
| Product group: | HFS radio-frequency test probes |
| Series: | HFS-840 |
| Sub-series: | HFS-840 |
| 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: | 8 mm [.314 in] |
| Spring force of entire outer conductor at working stroke: | 8.8 N [31.6 ozf] |
| Outer conductor working stroke: | 4.5 mm [.177 in] |
| Outer conductor maximum stroke: | 5.5 mm [.216 in] |
| Exchangeable outer conductor: | KO-810-0090 |
| Outer conductor max. current load capacity: | 2 A |

## Inner conductor data

| | |
|---|---|
| Inner conductor tip style: | 04 4-point crown |
| 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-051204051A |
| 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 |

## Electrical data

| | |
|---|---|
| Frequency range up to: | 4 GHz |
| Impedance: | 50 Ohm |

## Mechanical data

| | |
|---|---|
| Total spring force at working stroke: | 8.8 N [31.6 ozf] |
| Total length: | 44 mm [1.73 in] |
| Barrel diameter: | 4.5 mm [.177 in] |
| Installation height without receptacle: | 12.5 mm [.492 in] |

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