High-Frequency Probe

HFS-819 319 090 A20743RV5-H3

Item HFS-819-0034

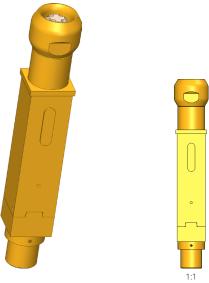


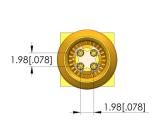


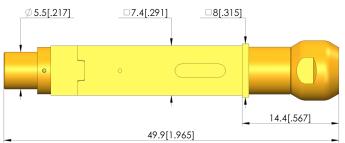
INGUN SELECTION

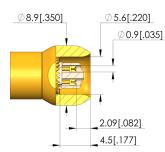
- For testing HSD connectors (Rosenberger)
- Used for the transmission of high-speed data for navigation and entertainment in automotive engineering.
- For high data rates, e.g. LVDS signals, GVIF or USB
- Adjustable storage of the HFS-819
- Installation: press directly into the mounting plate or via flange mounting
- Cable interface optionally with original HSD plug as well as INGUN plug











General data

Product group: HFS radio-frequency test probes Series: HFS-819 HFS-819 plug, press-in Sub-series: Grid: 12 mm [472 mil] DUT / contact: **HSD** Installation type: Plug-in DUT interface gender: M signal conductor male / pin Floating mount: No Non-rotating: Yes Yes Continuous plunger: HSD Interface of compatible assembly: Compatible assembly interface gender: F signal conductor female /

socket
KS sub-series: HAS-819 160 floating version
Min. temperature: -40 °C [-40 °F]
Max. temperature: 80 °C [176 °F]
RoHS-compliant: Yes

Outer conductor data

Outer conductor tip style: 43 centring for outer side of connector Outer conductor tip style diameter: 8.9 mm [.35 in] Spring force of entire outer conductor at working stroke: 7.5 N [26.9 ozf]

Outer conductor working stroke: 5 mm [.196 in]
Outer conductor maximum stroke: 6 mm [.236 in]
Exchangeable outer conductor: KO-819143890R-KR-V5
Outer conductor max. current load capacity: 10 A

Inner conductor data

19 90° inverse cone, slotted, self cleaning Inner conductor tip style: 0.9 mm [.035 in] Inner conductor tip style diameter: 3 CuBe Inner conductor tip style material: Inner conductor tip style surface: A gold Number of inner conductors: 4 2 differential pair Exchangeable inner conductor: GKS-051-0112 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: 3 A

Electrical data

Impedance:100 OhmDielectric strength:1.2 kV

RADIO-FREQUENCY TEST PROBES

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Mechanical data

Total spring force at working stroke: 20.7 N [74.4 ozf] Total length: 49.9 mm [1.96 in] Barrel diameter: 7.4 mm [.291 in] Installation height without receptacle: 14.4 mm [.566 in]

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Learn more about Radio-frequency test probes

