

Radio-frequency probe

HFS-821 313 050A18005USBMINI-D

Item HFS-821-0029



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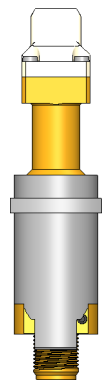
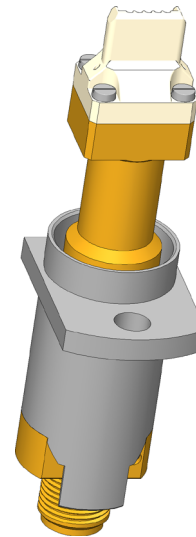
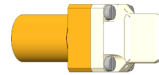
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- For contacting differential connectors from the MX and USCAR series in the automotive sector
- Connection via SE-821 cable interface
- Floating mechanism is integrated
- Installation via one-sided flange mounting

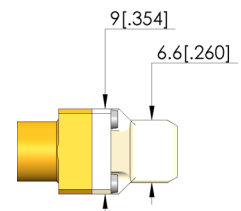
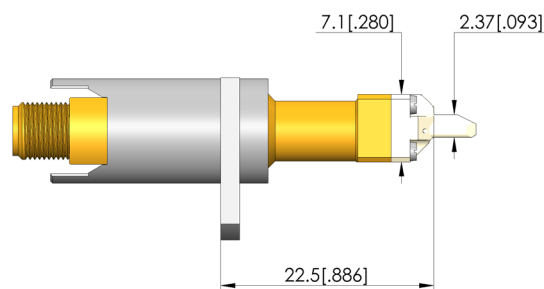
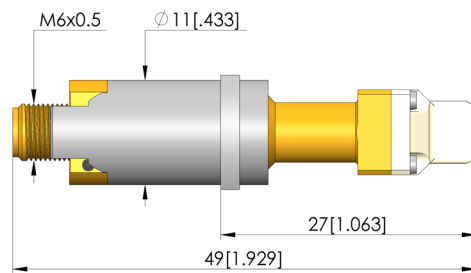
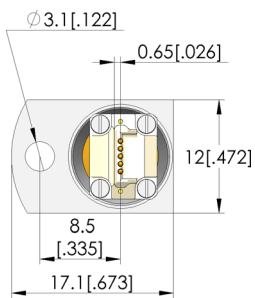
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RADIO-FREQUENCY TEST PROBES

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General data

| | |
|--|------------------------------------|
| Product group: | HFS radio-frequency test probes |
| Series: | HFS-821 |
| Sub-series: | HFS-821 |
| Grid: | 12.5 mm [492 mil] |
| DUT / contact: | USB mini Type B/AB; HS autolink 1 |
| Installation type: | Flange |
| DUT interface gender : | F signal conductor female / socket |
| Floating mount: | Yes |
| Non-rotating: | Yes |
| Continuous plunger: | Yes |
| Interface of compatible assembly: | SE-821 USB-mini plug, 5-pole, |
| screw-in, for HFS-821/USB-mini | |
| Compatible assembly interface gender : | M signal conductor male / pin |
| Recommended torque at interface: | 10 cNm [.885 lbf-in] |
| Min. temperature: | -40 °C [-40 °F] |
| Max. temperature: | 80 °C [176 °F] |
| RoHS-compliant: | Yes |

Outer conductor data

| | |
|---|-------------------------------|
| Outer conductor tip style: | 05 bullet-nosed (full radius) |
| Outer conductor tip style diameter: | 9 mm [.354 in] |
| Spring force of entire outer conductor at working stroke: | 18 N [64.7 ozf] |
| Outer conductor working stroke: | 3.5 mm [.137 in] |
| Outer conductor maximum stroke: | 5 mm [.196 in] |
| Exchangeable outer conductor: | No |

Inner conductor data

| | |
|---|----------------------------|
| Inner conductor tip style: | 13 30° needle tip, rounded |
| Inner conductor tip style diameter: | 0.5 mm [.019 in] |
| Inner conductor tip style material: | 3 CuBe |
| Inner conductor tip style surface: | A gold |
| Number of inner conductors: | 5 |
| Exchangeable inner conductor: | No |
| Inner conductor working stroke: | 0 mm [0 in] |
| Inner conductor maximum stroke: | 0 mm [0 in] |
| Inner conductor max. current load capacity: | 3 A |

Electrical data

| | |
|------------|---------|
| Impedance: | 100 Ohm |
|------------|---------|

Mechanical data

| | |
|---|-----------------|
| Total spring force at working stroke: | 18 N [64.7 ozf] |
| Total length: | 49 mm [1.92 in] |
| Barrel diameter: | 11 mm [.433 in] |
| Installation height without receptacle: | 27 mm [1.06 in] |

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Prices and delivery times on request.
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