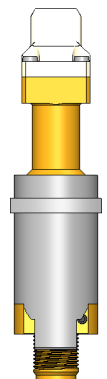
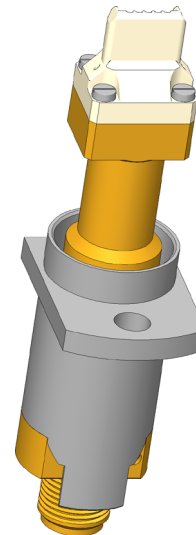
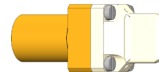


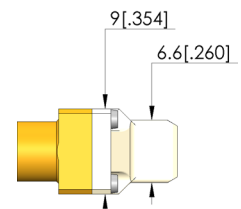
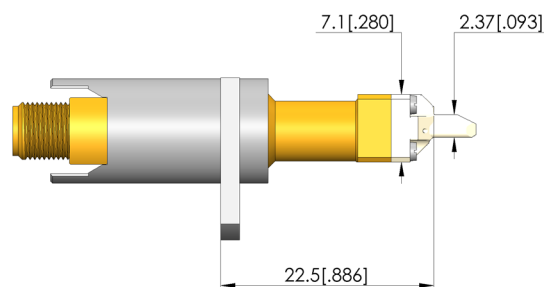
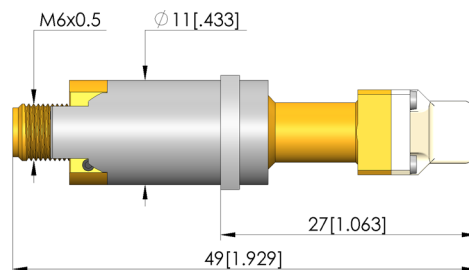
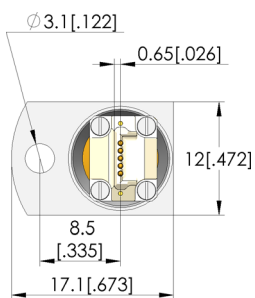


- For contacting differential connectors from the MX and USCAR series in the automotive sector
- Connection via SE-821 cable interface
- Floating mechanism is integrated
- Installation via one-sided flange mounting

### INGUN SELECTION



1:1



# High-Frequency Probe

## HFS-821 313 050A18005USBMINI-D

Item HFS-821-0029



GO TO PRODUCT

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Partner for Future Technology

### 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                       |
| Inner conductor maximum stroke:             | 0 mm                       |
| 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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info@ingun.com



Prices and delivery times on request.  
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