



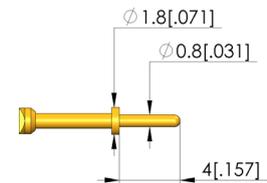
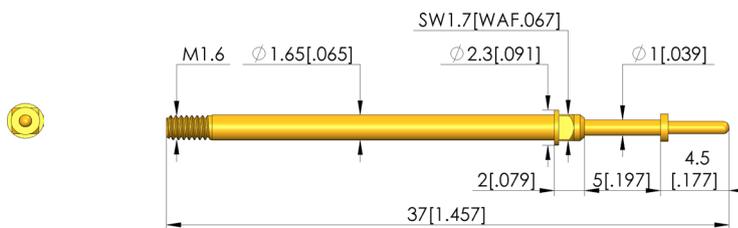
## Positionstest

Zur Überprüfung der korrekten Position des Kontaktterminals im Steckergehäuse

- Step probes are used to test the correct position of the contact terminals (contact lamellae) in the plug housings. A connection test can be carried out at the same time. Contact will only occur when the tip of the step probe is correctly positioned
- For optimum contacting, various tip styles are available in various tip  $\phi$ , disc  $\phi$  and pin lengths



1:1



### General data

|                                 |                                |
|---------------------------------|--------------------------------|
| Screw-in torque max.:           | 5 cNm [.442 lbf-in]            |
| Product group:                  | Step probes                    |
| Sub-product group:              | Step probes                    |
| Series:                         | T-112                          |
| Grid:                           | 2.54 mm [100 mil]              |
| Contacting from:                | Pad                            |
| Magnetic:                       | Yes                            |
| Installation type:              | Screw-in                       |
| Quick-exchange system:          | Yes                            |
| Adjustable installation height: | No                             |
| Non-rotating:                   | No                             |
| Screw-in torque:                | 3 – 5 cNm [.265 – .442 lbf-in] |
| Compatible receptacle(s):       | KS-112 M                       |
| Min. temperature:               | -40 °C [-40 °F]                |
| Max. temperature:               | 80 °C [176 °F]                 |
| RoHS-compliant:                 | Yes                            |

### Tip style data

|                        |                               |
|------------------------|-------------------------------|
| Tip style:             | 05 bullet-nosed (full radius) |
| Tip diameter:          | 0.8 mm [.031 in]              |
| Tip style surface:     | A gold                        |
| Tip style material:    | 3 CuBe                        |
| Step probe tip height: | 4 mm [.157 in]                |
| Disk diameter:         | 1.8 mm [.07 in]               |

### Electrical data

|  |         |
|--|---------|
| Current load capacity / rated current: | 5 A     |
| Typical resistance (Ri):               | 20 mOhm |

### Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 37 mm [1.45 in]   |
| Barrel diameter:                | 1.65 mm [.064 in] |
| Maximum stroke:                 | 5 mm [.196 in]    |
| Spring pre-load:                | 0.6 N [2.15 ozf]  |
| Collar height:                  | 02                |
| Spring force at working stroke: | 1.5 N [5.39 ozf]  |
| Recommended working stroke:     | 4 mm [.157 in]    |

# Test Probe

## T-112 305 080 400 180A1502M

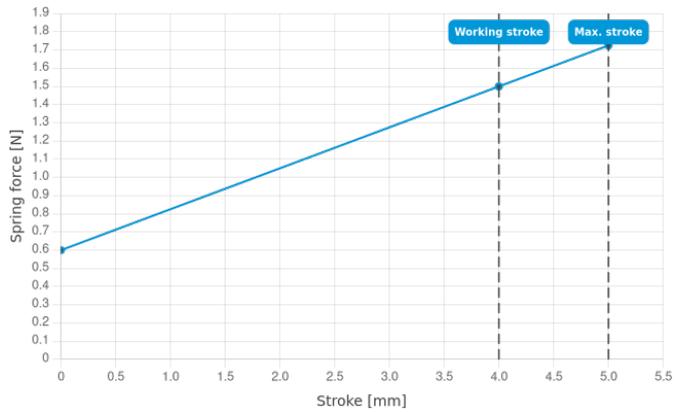
Item T-112-0035



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