

# Test Probe

## GKS-050 297 050 A 1000

Item GKS-050-0027

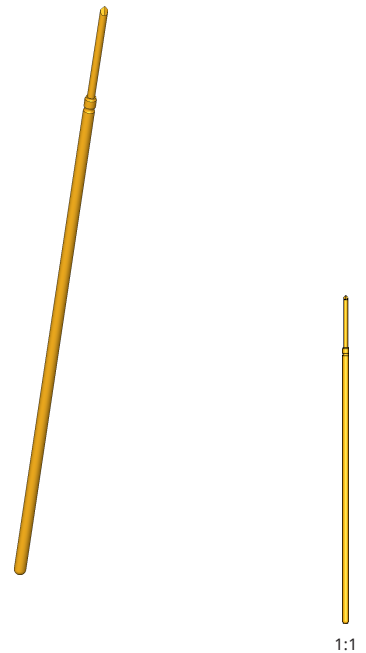


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- Well-established test probes for contacting PCBs
- For optimal contact to the test points (e.g. pads, vias, and pins), various tip styles with various diameters and finishes are available.
- Various spring forces available as well as versions with stainless steel springs suitable for high temperatures
- Used for setting the optimum stroke conditions in the test fixture, various installation heights can be achieved by combining test probes and receptacles

### INGUN SELECTION



# Test Probe

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### General data

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Product group                  | ICT / FCT (in-circuit test and function test) |
| Sub-product group              | Standard stroke test probe                    |
| Series                         | GKS-050                                       |
| Grid                           | 1.27 mm [50 mil]                              |
| Contacting from                | Pad, via                                      |
| Magnetic                       | Yes                                           |
| Installation type              | Plug-in                                       |
| Quick-exchange system          | Yes                                           |
| Adjustable installation height | No                                            |
| Non-rotating                   | No                                            |
| Compatible receptacle(s)       | KS-050                                        |
| Min. temperature               | - 40 °C [- 104 °F]                            |
| Max. temperature               | + 80 °C [+ 176 °F]                            |
| RoHS-compliant                 | Yes                                           |

### Electrical data

|                                       |          |
|---------------------------------------|----------|
| Current load capacity / rated current | 3 A      |
| Typical resistance (Ri)               | <20 mOhm |

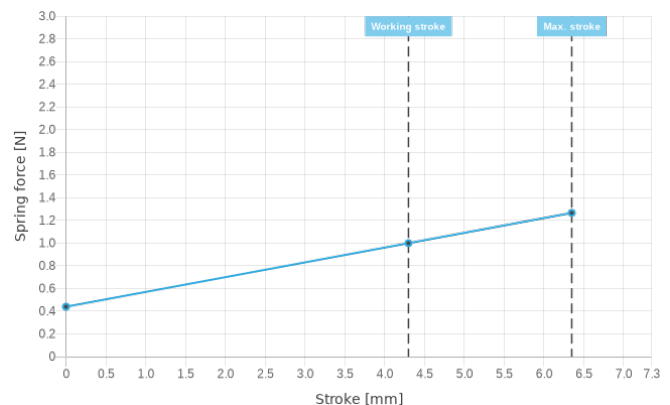
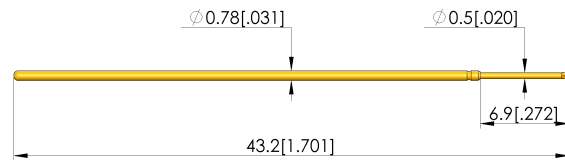
### Mechanical data

|                                |                   |
|--------------------------------|-------------------|
| Total length                   | 43.2 mm [1.70 in] |
| Barrel diameter                | 0.78 mm [.030 in] |
| Maximum stroke                 | 6.35 mm [.25 in]  |
| Spring pre-load                | 0.44 N [1.58 ozf] |
| Collar height                  | 00                |
| Spring force at working stroke | 1 N [3.59 ozf]    |
| Recommended working stroke     | 4.3 mm [.169 in]  |

### Tip style data

|                    |                                      |
|--------------------|--------------------------------------|
| Tip style          | 97 4-edged 90° dagger, self-cleaning |
| Tip diameter       | 0.5 mm [.019 in]                     |
| Tip style surface  | A gold                               |
| Tip style material | 2 steel                              |

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Prices and delivery times on request.  
Technical changes reserved. 11/22 EN

Weitere Informationen zum Thema  
ICT/FCT Test probes

