

# Test Probe

## GKS-100 201 090 A 2000

Item GKS-100-0010



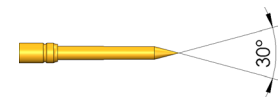
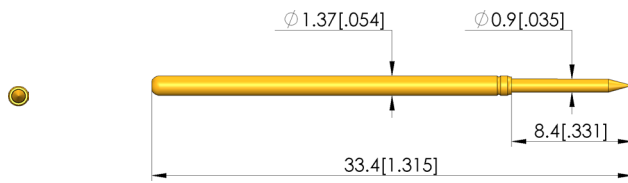
GO TO PRODUCT

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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



#### General data

|                                 |   |
|---------------------------------|---|
| Product group:                  | ICT / FCT (in-circuit test and function test) |
| Sub-product group:              | Standard stroke test probe                    |
| Series:                         | GKS-100                                       |
| Grid:                           | 2.54 mm [100 mil]                             |
| Contacting from:                | Pad   |
| Magnetic:                       | Yes   |
| Installation type:              | Plug-in                                       |
| Quick-exchange system:          | Yes   |
| Adjustable installation height: | No  |
| Non-rotating:                   | No  |
| Compatible receptacle(s):       | KS-100  |
| Min. temperature:               | -40 °C [-40 °F]                               |
| Max. temperature:               | 80 °C [176 °F]                                |
| RoHS-compliant:                 | Yes   |

#### Tip style data

|                     |                                  |
|---------------------|----------------------------------|
| Tip style:          | 01 30° needle tip, self-cleaning |
| Tip diameter:       | 0.9 mm [.035 in]                 |
| Tip style surface:  | A gold                           |
| Tip style material: | 2 steel                          |

#### Electrical data

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

#### Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 33.4 mm [1.31 in] |
| Barrel diameter:                | 1.37 mm [.053 in] |
| Maximum stroke:                 | 6.35 mm [.25 in]  |
| Spring pre-load:                | 0.66 N [2.37 ozf] |
| Collar height:                  | 00                |
| Spring force at working stroke: | 2 N [7.19 ozf]    |
| Recommended working stroke:     | 4.3 mm [1.69 in]  |

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