

# Test Probe

## GKS-100 291 090 A 2200

Item GKS-100-0050



GO TO PRODUCT

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### INGUN SELECTION

- 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

#### 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, via                                      |
| 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 [- 104 °F]                            |
| Max. temperature               | + 80 °C [+ 176 °F]                            |
| RoHS-compliant                 | Yes   |

#### Electrical data

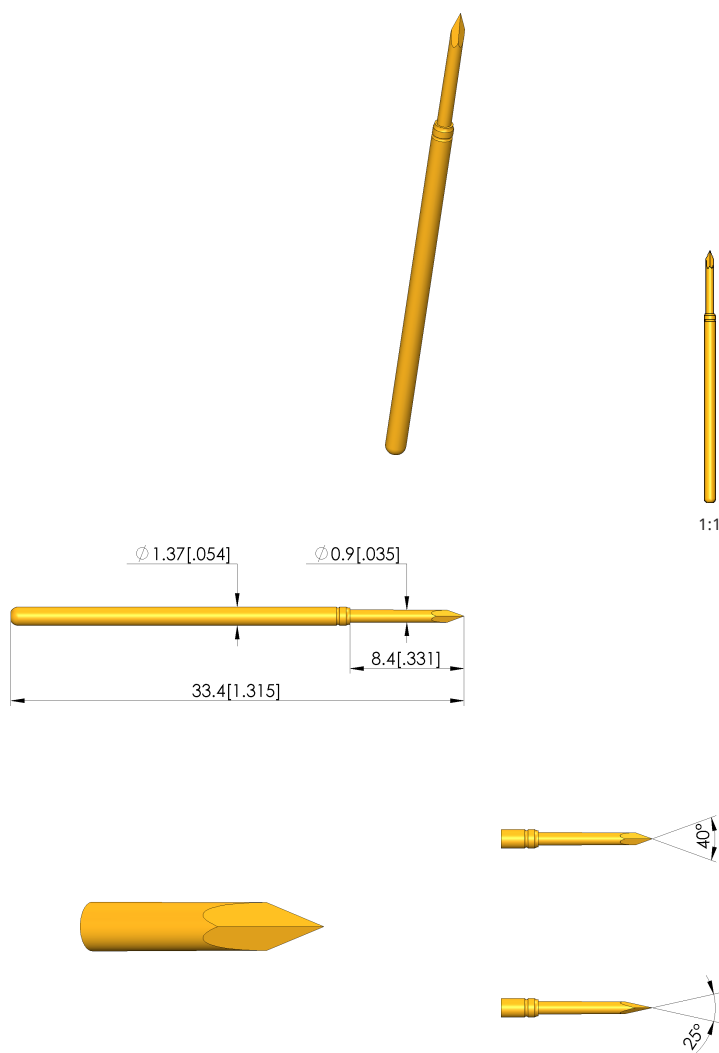
|                                       |          |
|---------------------------------------|----------|
| Current load capacity / rated current | 5 A      |
| Typical resistance (Ri)               | <20 mOhm |

#### 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                | 0.74 N [2.66 ozf] |
| Collar height                  | 00                |
| Spring force at working stroke | 2.25 N [8.09 ozf] |
| Recommended working stroke     | 4.3 mm [.169 in]  |

#### Tip style data

|                    |                          |
|--------------------|--------------------------|
| Tip style          | 91 dagger, self-cleaning |
| Tip diameter       | 0.9 mm [.035 in]         |
| Tip style surface  | A gold                   |
| Tip style material | 2 steel                  |



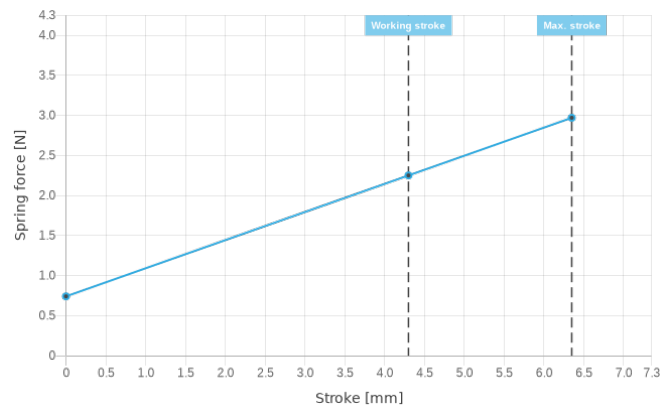
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Prices and delivery times on request.  
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