# Spring-loaded test probe

## GKS-135 209 050 N 1500

Item GKS-135-0039

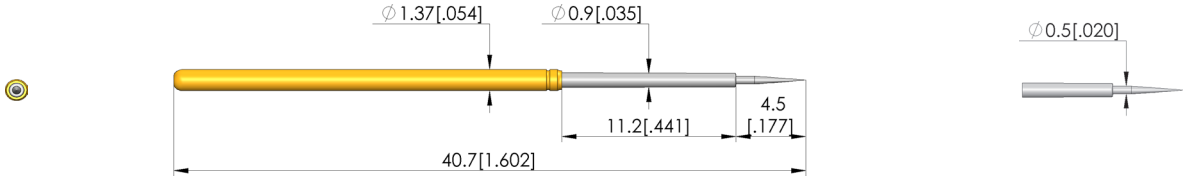
GO TO PRODUCT

ingun®
Partner for Future Technology

- Long-stroke test probe for implementing combined ICT and FCT in a dual-stage fixture
- For optimum contact at the test points (e.g. pads, vias, and pins), various tip styles in different diameters and finishes, as well as various spring forces are available. spring forces.
- Used for setting the optimum stroke conditions in the test fixture, various installation heights can be achieved by combining test probes and receptacles



1:1




### General data

| | |
|---|---|
| Product group: | ICT / FCT (in-circuit test and function test |
| Sub-product group: | Long stroke GKS |
| Series: | GKS-135 |
| Grid: | 2.54 mm [100 mil] |
| Contacting from: | Pad, pin |
| 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: | RoHS-3;6a |

### Electrical data

| | |
|---|---|
| Current load capacity / rated current: | 5 A |
| Typical resistance (Ri): | <30 mOhm |

### Mechanical data

| | |
|---|---|
| Total length: | 40.7 mm [1.60 in] |
| Barrel diameter: | 1.37 mm [.053 in] |
| Maximum stroke: | 11 mm [.433 in] |
| Spring pre-load: | 0.23 N [.827 ozf] |
| Collar height: | 00 |
| Spring force at working stroke: | 1.5 N [5.39 ozf] |
| Recommended working stroke: | 9.3 mm [.366 in] |

### Tip style data

| | |
|---|---|
| Tip style: | 09 flexi-needle, self-cleaning |
| Tip diameter: | 0.5 mm [.019 in] |
| Tip style surface: | N nickel |
| Tip style material: | 2 steel |

ICT/FCT TEST PROBES

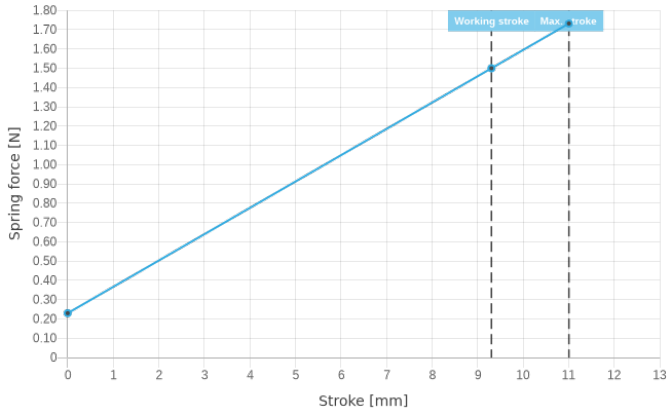
# Spring-loaded test probe

## GKS-135 209 050 N 1500

Item GKS-135-0039

GO TO PRODUCT

ingun®
Partner for Future Technology




**INGUN Prüfmittelbau GmbH**
Max-Stromeyer-Straße 162
78467, Constance, Germany
Phone +49 7531 8105-0
Customer hotline +49 7531 8105-888
Fax +49 7531 8105-65
info@ingun.com

Learn more about
**ICT/FCT Test probes**

ingun.com

ICT/FCT TEST PROBES

Prices and delivery times on request.
Technical changes reserved. 01/25_GB