

# Test Probe

## GKS-135 201 090 A 3000

Item GKS-135-0136



GO TO PRODUCT

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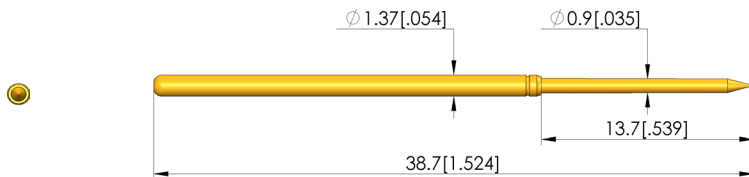
- Long-stroke test probe for implementing combined ICT and FCT in a dual-stage fixture
- For optimum contact at the test points (e.g. pads, vias, and pins), various tip styles in different diameters and finishes, as well as various spring forces are available. Spring forces.
- Used for setting the optimum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



1:1

### Note:

Receptacles in the series KS-100 are used for the GKS-135 test probes series.



### 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   |
| 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):               | 30 mOhm |

### Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 38.7 mm [1.52 in] |
| Barrel diameter:                | 1.37 mm [.053 in] |
| Maximum stroke:                 | 11.5 mm [.452 in] |
| Spring pre-load:                | 0.37 N [1.33 ozf] |
| Collar height:                  | 00                |
| Spring force at working stroke: | 3 N [10.7 ozf]    |
| Recommended working stroke:     | 9.3 mm [.366 in]  |

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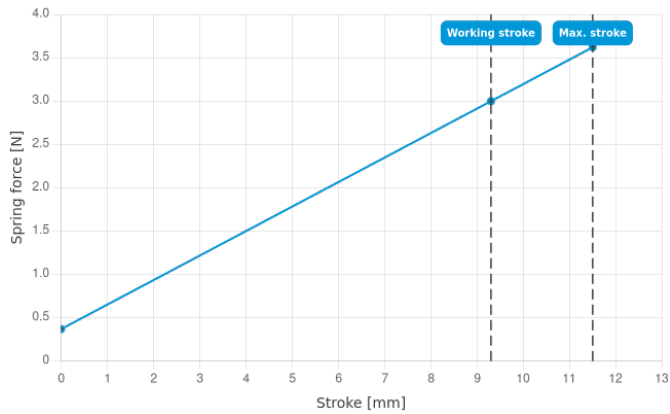
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