# Spring-loaded test probe

## GKS-135 306 130 A 3000

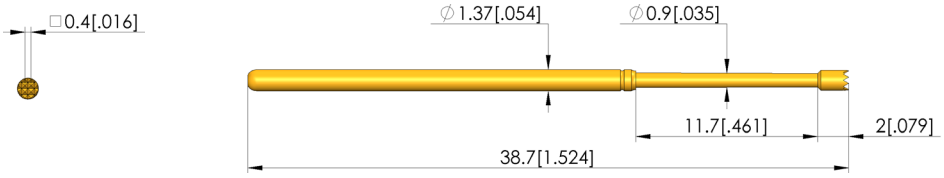
Item GKS-135-0018

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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




### 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: | Pin, Post, Flat contact |
| 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;6c |

### 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] |

### Tip style data

| | |
|---|---|
| Tip style: | 06 serrated |
| Tip diameter: | 1.3 mm [.051 in] |
| Tip style surface: | A gold |
| Tip style material: | 3 CuBe |

ICT/FCT TEST PROBES

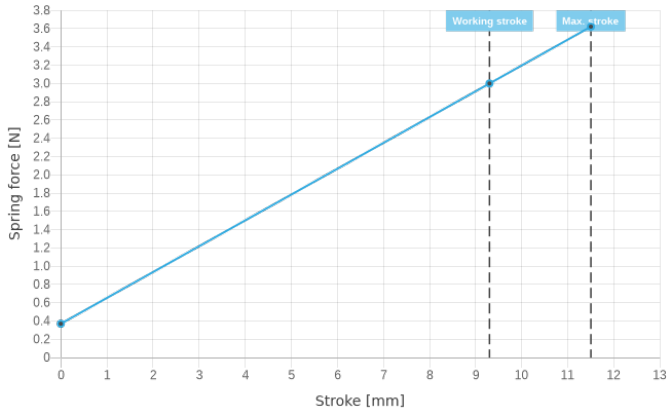
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