# Spring-loaded test probe

## GKS-050 379 050 A 1000

Item GKS-050-0243

GO TO PRODUCT

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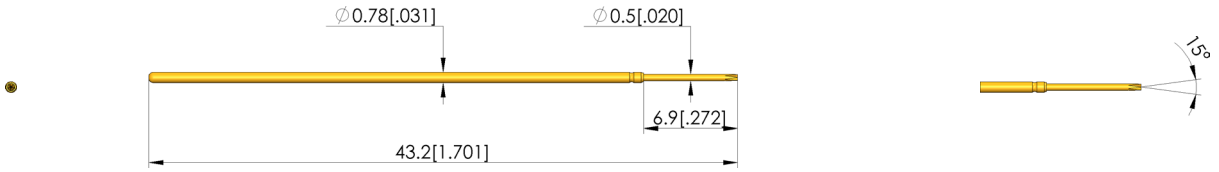
- Well-established test probes for contacting PCBs
- For optimal contact to the test points (e.g. pads, vias, and pins), various tip styles with various diameters and finishes are available.
- Various spring forces available as well as versions with stainless steel springs suitable for high temperatures
- Used for setting the optimum stroke conditions in the test fixture, various installation heights can be achieved by combining test probes and receptacles




### General data

| | |
|---|---|
| Product group: | ICT / FCT (in-circuit test and function test |
| Sub-product group: | Bead probe |
| Series: | GKS-050 |
| Grid: | 1.27 mm [50 mil] |
| Contacting from: | Posts, bead, flat contact |
| DUT / contact: | Bead probe |
| Installation type: | Plug-in |
| Quick-exchange system: | Yes |
| Adjustable installation height: | No |
| Non-rotating: | No |
| Compatible receptacle(s): | KS-050 |
| Min. temperature: | - 40 °C [- 104 °F] |
| Max. temperature: | + 80 °C [+ 176 °F] |
| RoHS-compliant: | RoHS-3;6c |

### Electrical data

| | |
|---|---|
| Current load capacity / rated current: | 2 A |
| Typical resistance (Ri): | <20 mOhm |

### Mechanical data

| | |
|---|---|
| Total length: | 43.2 mm [1.70 in] |
| Barrel diameter: | 0.78 mm [.030 in] |
| Maximum stroke: | 6.35 mm [.25 in] |
| Spring pre-load: | 0.44 N [1.58 ozf] |
| Collar height: | 00 |
| Spring force at working stroke: | 1 N [3.59 ozf] |
| Recommended working stroke: | 4.3 mm [.169 in] |

### Tip style data

| | |
|---|---|
| Tip style: | 79 spade, flat, self-cleaning |
| Tip diameter: | 0.5 mm [.019 in] |
| Tip style surface: | A gold |
| Tip style material: | 3 CuBe |

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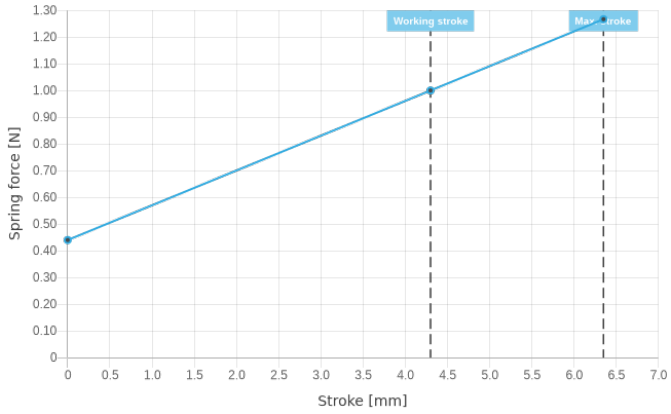


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