# Spring-loaded test probe

## GKS-550 214 050 A 1000

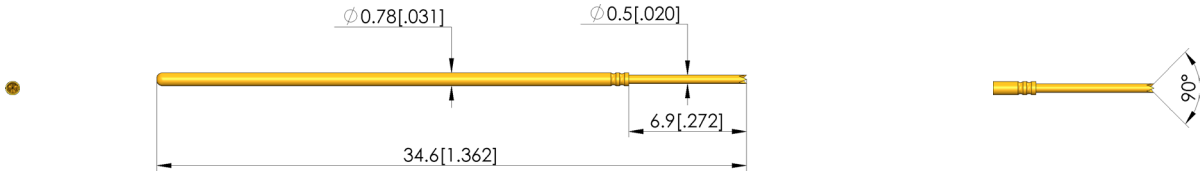
Item GKS-550-0037

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- Robust, compact design for harsh ICT/FCT applications with limited space
- 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.




### General data

| | |
|---|---|
| Product group: | ICT / FCT (in-circuit test and function test |
| Sub-product group: | Short/robust GKS |
| Series: | GKS-550 |
| Grid: | 1.27 mm [50 mil] |
| Contacting from: | Pad, pin, posts |
| Magnetic: | Yes |
| Installation type: | Plug-in |
| Quick-exchange system: | Yes |
| Adjustable installation height: | No |
| Non-rotating: | No |
| Compatible receptacle(s): | KS-550, KS-550 WL |
| 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): | <20 mOhm |

### Mechanical data

| | |
|---|---|
| Total length: | 34.6 mm [1.36 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: | 14 4-point crown, self-cleaning |
| Tip diameter: | 0.5 mm [.019 in] |
| Tip style surface: | A gold |
| Tip style material: | 2 steel |

ICT/FCT TEST PROBES

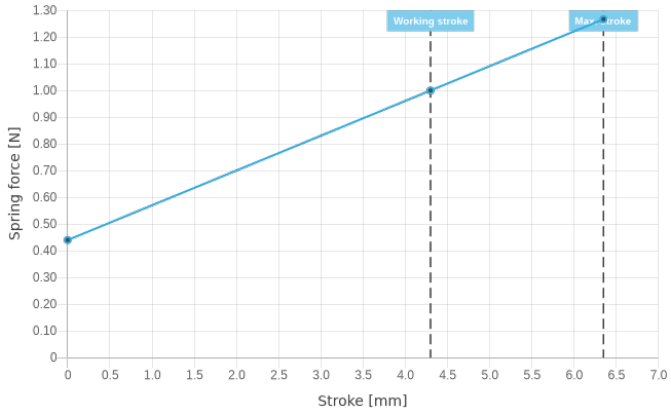
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