# Spring-loaded test probe

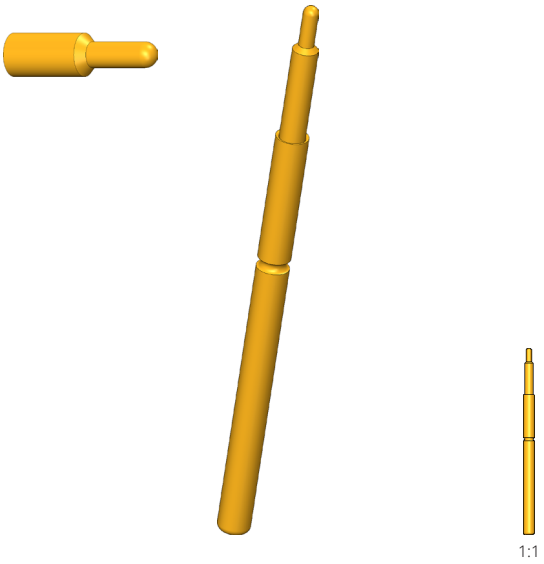
## GKS-002 305 064 A 2800

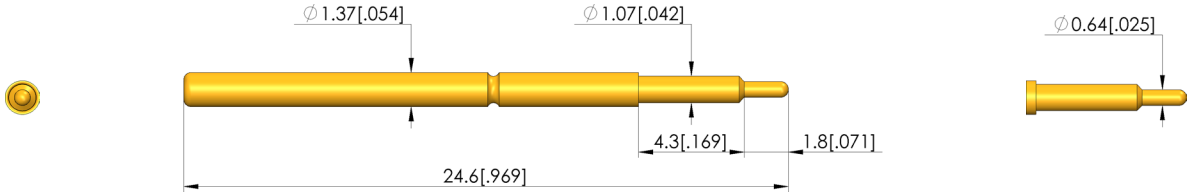
Item GKS-002-0024

GO TO PRODUCT

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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-002 |
| Grid: | 2.54 mm [100 mil] |
| Contacting from: | Pad, Female connector |
| Magnetic: | Yes |
| Installation type: | Plug-in |
| Quick-exchange system: | Yes |
| Adjustable installation height: | No |
| Non-rotating: | No |
| Compatible receptacle(s): | KS-002 |
| Min. temperature: | - 40 °C [- 104 °F] |
| Max. temperature: | + 80 °C [+ 176 °F] |
| RoHS-compliant: | RoHS-3;6c |

### Electrical data

| | |
|---|---|
| Current load capacity / rated current: | 8 A |
| Typical resistance (Ri): | <20 mOhm |

### Mechanical data

| | |
|---|---|
| Total length: | 24.6 mm [.968 in] |
| Barrel diameter: | 1.37 mm [.053 in] |
| Maximum stroke: | 4.1 mm [.161 in] |
| Spring pre-load: | 1.32 N [4.74 ozf] |
| Collar height: | 00 |
| Spring force at working stroke: | 2.8 N [10.0 ozf] |
| Recommended working stroke: | 2.7 mm [.106 in] |

### Tip style data

| | |
|---|---|
| Tip style: | 05 bullet-nosed (full radius) |
| Tip diameter: | 0.64 mm [.025 in] |
| Tip style surface: | A gold |
| Tip style material: | 3 CuBe |

ICT/FCT TEST PROBES

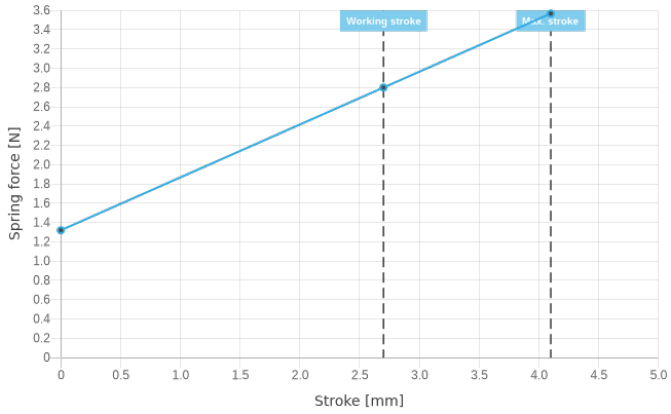
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