# Spring-loaded test probe

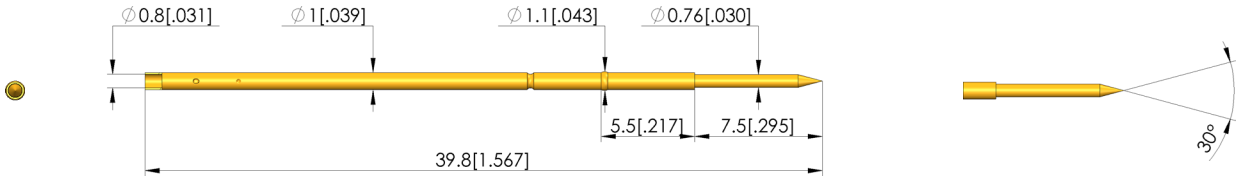
## GKS-181 351 080 A 0805

Item GKS-181-0010

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### General data

| | |
|---|---|
| Product group: | ICT / FCT (in-circuit test and function test |
| Sub-product group: | Fine-pitch |
| Series: | GKS-181..0x installation without KS |
| Grid: | 1.27 mm [50 mil] |
| Contacting from: | Pad |
| Magnetic: | Yes |
| Installation type: | Plug-in |
| Quick-exchange system: | No |
| Type of test probe connection: | Plug |
| Adjustable installation height: | No |
| Non-rotating: | No |
| Compatible connector(s): | SE-111 |
| 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: | 39.8 mm [1.56 in] |
| Barrel diameter: | 1 mm [.039 in] |
| Maximum stroke: | 7.5 mm [.295 in] |
| Spring pre-load: | 0.22 N [.791 ozf] |
| Collar height: | 05 |
| Spring force at working stroke: | 0.8 N [2.87 ozf] |
| Recommended working stroke: | 5.5 mm [.216 in] |

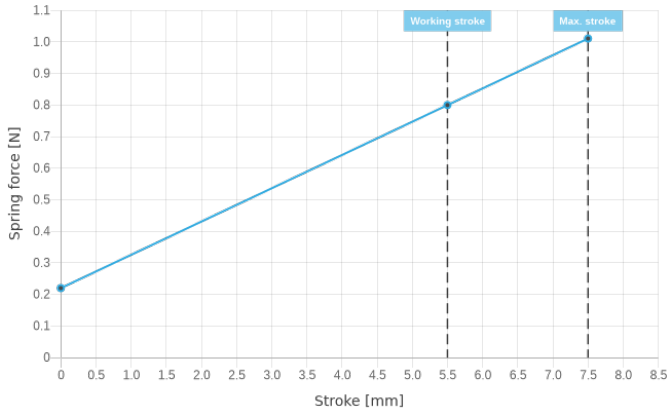
### Tip style data

| | |
|---|---|
| Tip style: | 51 30° needle tip, special length, self-cleaning |
| Tip diameter: | 0.8 mm [.031 in] |
| Tip style surface: | A gold |
| Tip style material: | 3 CuBe |

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