# Spring-loaded test probe

## GKS-502 356 250 A 3502

Item GKS-502-0005

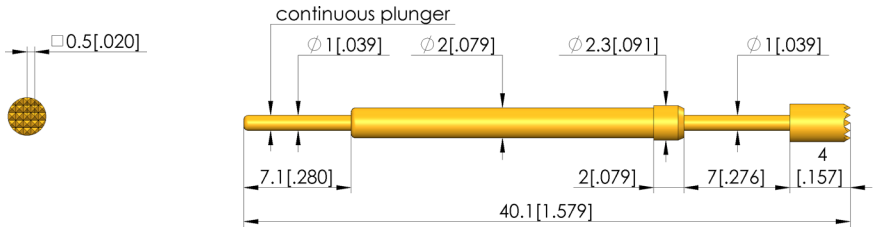
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- Robust test probes with distinctive collar (stop) on the barrel
- Version with continuous plunger



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### General data

| | |
|---|---|
| Product group: | ICT / FCT (in-circuit test and function test |
| Sub-product group: | Metric standard |
| Series: | GKS-502 |
| Grid: | 3 mm [118 mil] |
| Contacting from: | Pin, Post, Flat contact |
| Magnetic: | Yes |
| Installation type: | Plug-in |
| Quick-exchange system: | No |
| Type of test probe connection: | Plug |
| Adjustable installation height: | No |
| Non-rotating: | No |
| Continuous plunger: | ø1,0 x 7,0 |
| Compatible connector(s): | SE-502 |
| Compatible receptacle(s): | KS-502 23 |
| 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 |
| Current rating, connection on plunger: | 15 A |
| Typical resistance (Ri): | <30 mOhm |
| Typical resistance (Ri), connection on plunger: | <10 mOhm |

### Mechanical data

| | |
|---|---|
| Total length: | 40.1 mm [1.57 in] |
| Barrel diameter: | 2 mm [.078 in] |
| Maximum stroke: | 7 mm [.275 in] |
| Spring pre-load: | 0.74 N [2.66 ozf] |
| Collar height: | 02 |
| Spring force at working stroke: | 3.5 N [12.5 ozf] |
| Recommended working stroke: | 5.6 mm [.220 in] |

### Tip style data

| | |
|---|---|
| Tip style: | 56 serrated, special length |
| Tip diameter: | 2.5 mm [.098 in] |
| Tip style surface: | A gold |
| Tip style material: | 3 CuBe |

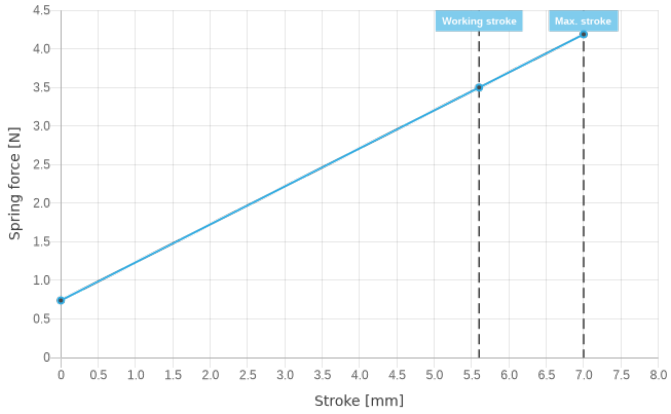
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