# Test probe, INGUN S-Line

## S-039 297 050 A 2200 ES

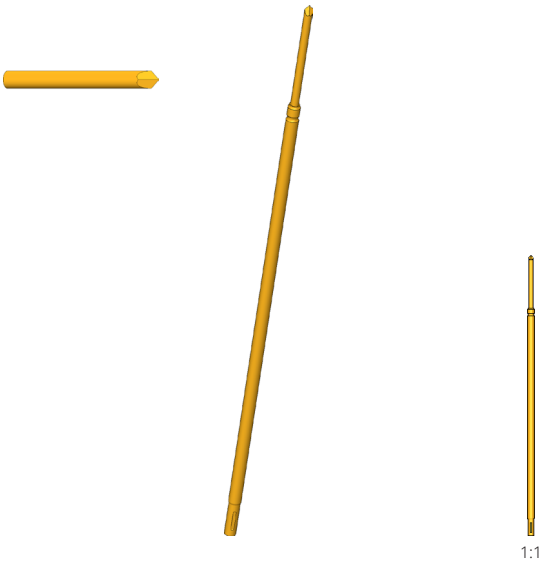
Item S-039-0013

GO TO PRODUCT

Partner for Future Technology

- Use of larger test probes for increased contacting accuracy and longer service life
- Minimal grid dimensions due to omission of receptacles (socketless)
- Large selection of tip styles and spring forces for optimal contact with the test point
- Compatible with existing socketless systems

NEW



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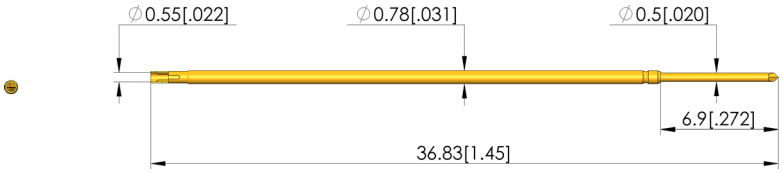


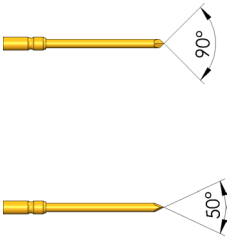


### General data

| | |
|---|---|
| Product group: | ICT / FCT (in-circuit test and function test |
| Sub-product group: | INGUN S-Line |
| Series: | S-039 ES standard with increased spring pre-load |
| Grid: | 1 mm [40 mil] |
| Contacting from: | Pad, via |
| Magnetic: | Yes |
| Installation type: | Plug-in |
| Quick-exchange system: | Yes |
| Type of test probe connection: | Contact terminal |
| Adjustable installation height: | No |
| Non-rotating: | No |
| Min. temperature: | - 40 °C [- 104 °F] |
| Max. temperature: | + 80 °C [+ 176 °F] |
| RoHS-compliant: | RoHS-3;6a |

### Electrical data

| | |
|---|---|
| Current load capacity / rated current: | 2 A |
| Typical resistance (Ri): | <30 mOhm |

### Mechanical data

| | |
|---|---|
| Total length: | 36.83 mm [1.45 in] |
| Barrel diameter: | 0.78 mm [.030 in] |
| Maximum stroke: | 6.35 mm [.25 in] |
| Spring pre-load: | 1 N [3.59 ozf] |
| Collar height: | 00 |
| Spring force at working stroke: | 2.25 N [8.09 ozf] |
| Recommended working stroke: | 4.3 mm [.169 in] |
| Mounting hole in probe plate (KTP): | 0.80 - 0.82 mm [.031 - .032 in] |
| Mounting hole in S-Line spacer plate (SDP): | min. 0.86 mm [.033 in] |
| KT designation: | KT-S039 |

### Tip style data

| | |
|---|---|
| Tip style: | 97 4-edged 90° dagger, 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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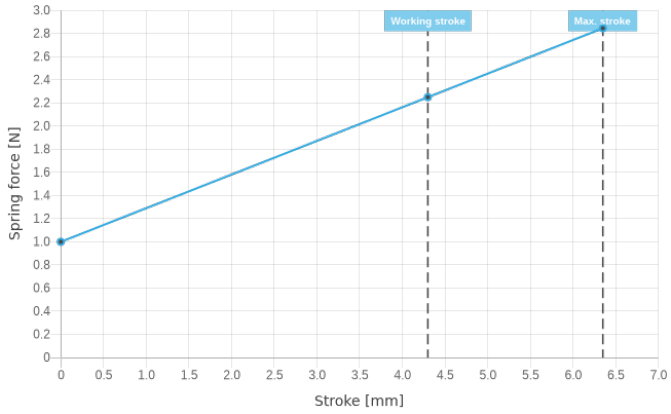


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