

# Spring-loaded test probe

## GKS-050 231 050 A 2000

Item GKS-050-0019



**ingun**<sup>®</sup>

Partner for Future Technology

- Various spring forces available as well as versions with stainless steel springs suitable for high temperatures
- Used for setting the optimum stroke conditions in the test fixture, various installation heights can be achieved by combining test probes and receptacles

### General data

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Product group                  | ICT / FCT (in-circuit test and function test) |
| Sub-product group              | Standard stroke test probe                    |
| Series                         | GKS-050                                       |
| Grid                           | 1.27 mm [50 mil]                              |
| Contacting from                | Pad                                           |
| Magnetic                       | Yes                                           |
| Installation type              | Plug-in                                       |
| Quick-exchange system          | Yes                                           |
| Adjustable installation height | No                                            |
| Non-rotating                   | No                                            |
| Compatible receptacle(s)       | KS-050                                        |
| Min. temperature               | - 40 °C [- 104 °F]                            |
| Max. temperature               | + 80 °C [+ 176 °F]                            |
| RoHS-compliant                 | RoHS-3;6a                                     |

### Electrical data

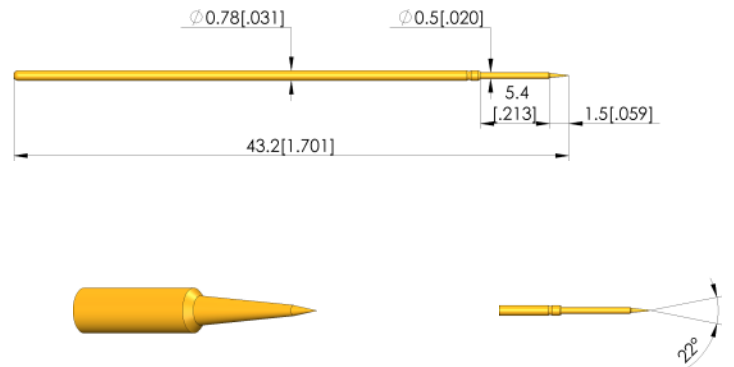
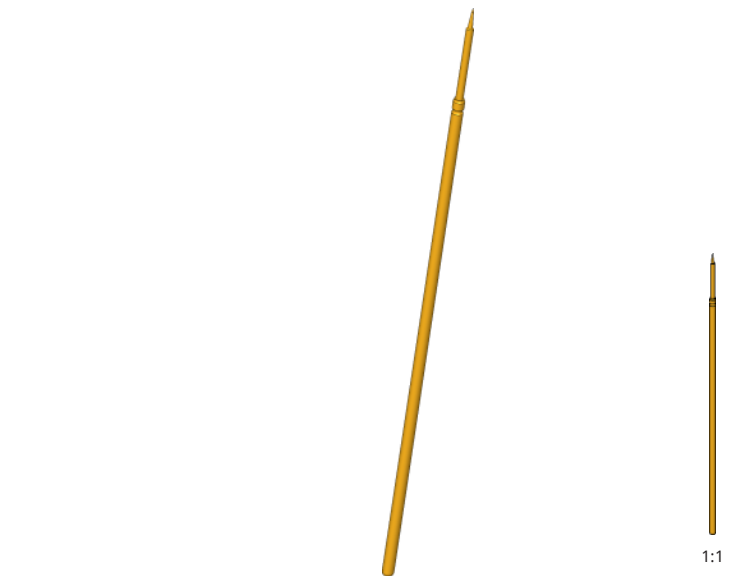
|                                       |          |
|---------------------------------------|----------|
| Current load capacity / rated current | 2 A      |
| Typical resistance (Ri)               | <20 mOhm |

### Mechanical data

|                                |                   |
|--------------------------------|-------------------|
| Total length                   | 43.2 mm [1.70 in] |
| Barrel diameter                | 0.78 mm [.030 in] |
| Maximum stroke                 | 6.35 mm [.25 in]  |
| Spring pre-load                | 0.55 N [1.97 ozf] |
| Collar height                  | .00               |
| Spring force at working stroke | 2 N [7.19 ozf]    |
| Recommended working stroke     | 4.3 mm [.169 in]  |

### Tip style data

|                    |                                    |
|--------------------|------------------------------------|
| Tip style          | 31 25° needle point, self-cleaning |
| Tip diameter       | 0.5 mm [.019 in]                   |
| Tip style surface  | A gold                             |
| Tip style material | 2 steel                            |



# Spring-loaded test probe

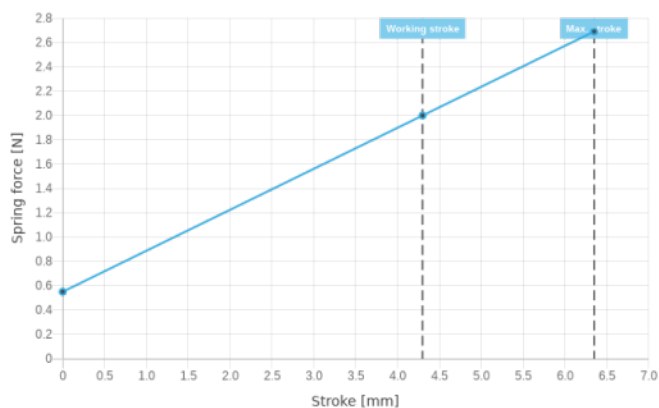
## GKS-050 231 050 A 2000

Item GKS-050-0019



**ingun**<sup>®</sup>

Partner for Future Technology



### INGUN Prüfmittelbau GmbH

Max-Stromeyer-Straße 162  
78467, Constance, Germany  
Phone +49 7531 8105-0  
Customer hotline +49 7531 8105-888  
Fax +49 7531 8105-65  
info@ingun.com



Prices and delivery times on request.  
Technical changes reserved. 08/23 EN

Learn more about  
ICT/FCT Test probes

