

# Spring-loaded test probe

## GKS-503 201 180 R 3002

Item GKS-503-0002



**ingun**<sup>®</sup>

Partner for Future Technology

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

### General data

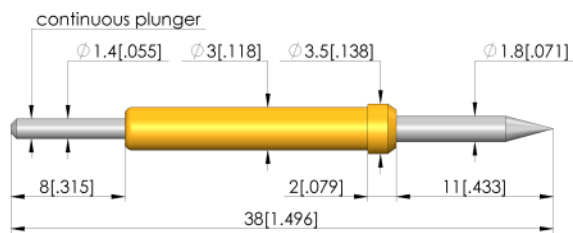
|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Product group                  | ICT / FCT (in-circuit test and function test) |
| Sub-product group              | Metric standard                               |
| Series                         | GKS-503                                       |
| Grid                           | 4 mm [157 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                                            |
| Continuous plunger             | ø1,4 x 8,0                                    |
| Compatible connector(s)        | SE-503                                        |
| Compatible receptacle(s)       | KS-103 23                                     |
| Min. temperature               | - 40 °C [- 104 °F]                            |
| Max. temperature               | + 80 °C [+ 176 °F]                            |
| RoHS-compliant                 | RoHS-3;6a;6c                                  |

### Electrical data

|                                                |          |
|------------------------------------------------|----------|
| Current load capacity / rated current          | 5 A      |
| Current rating, connection on plunger          | 12 A     |
| Typical resistance (Ri)                        | <30 mOhm |
| Typical resistance (Ri), connection on plunger | <10 mOhm |

### Mechanical data

|                                |                   |
|--------------------------------|-------------------|
| Total length                   | 38 mm [1.49 in]   |
| Barrel diameter                | 3 mm [.118 in]    |
| Maximum stroke                 | 7 mm [.275 in]    |
| Spring pre-load                | 0.75 N [2.69 ozf] |
| Collar height                  | 02                |
| Spring force at working stroke | 3 N [10.7 ozf]    |
| Recommended working stroke     | 5.6 mm [.220 in]  |



### Tip style data

|                    |                                  |
|--------------------|----------------------------------|
| Tip style          | 01 30° needle tip, self-cleaning |
| Tip diameter       | 1.8 mm [.070 in]                 |
| Tip style surface  | R rhodium                        |
| Tip style material | 2 steel                          |



1:1

ICT/FCT TEST PROBES

# Spring-loaded test probe

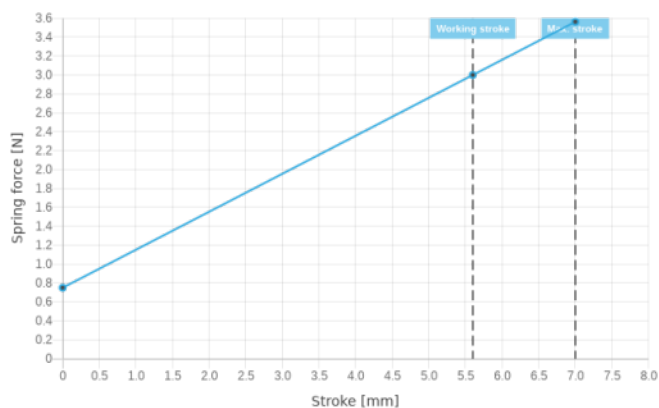
## GKS-503 201 180 R 3002

Item GKS-503-0002



**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. 11/23 EN

Learn more about  
ICT/FCT Test probes

