

# Spring-loaded test probe

## GKS-113 201 180 R 5002

Item GKS-113-0011

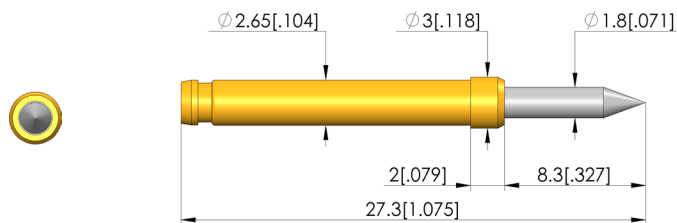
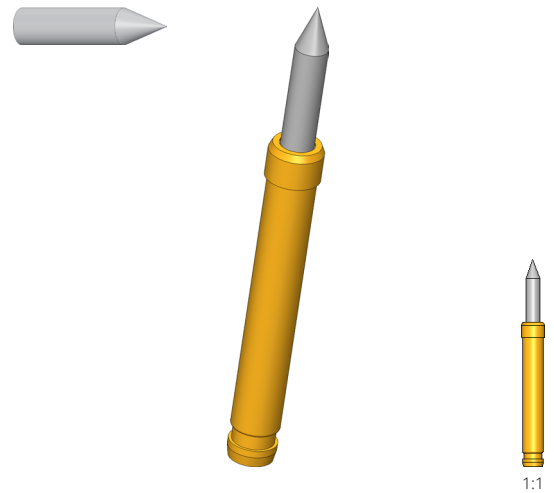


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- Robust test probes with distinctive collar (stop) on the barrel
- Optimum adjustment of the stroke ratios in the test fixture: The collar is available in different heights, which, in combination with the receptacles, allows a range of installation heights
- Stainless steel versions for temperatures from -100 °C up to +200 °C available



### General data

|                                 |   |
|---------------------------------|---|
| Product group:                  | ICT / FCT (in-circuit test and function test) |
| Sub-product group:              | Metric standard                               |
| Series:                         | GKS-113                                       |
| Grid:                           | 4 mm [157 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-113, KS-113 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      |
| Typical resistance (Ri):               | <30 mOhm |

### Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 27.3 mm [1.07 in] |
| Barrel diameter:                | 2.65 mm [.104 in] |
| Maximum stroke:                 | 5.3 mm [.208 in]  |
| Spring pre-load:                | 1.36 N [4.89 ozf] |
| Collar height:                  | 02                |
| Spring force at working stroke: | 5 N [17.9 ozf]    |
| Recommended working stroke:     | 4 mm [1.57 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                          |

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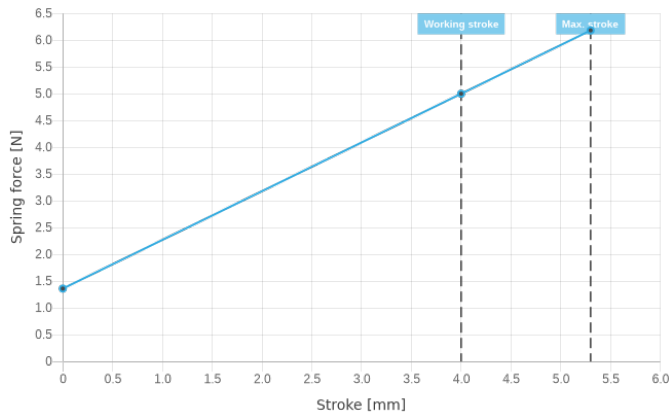
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