

# Spring-loaded test probe

## GKS-005 201 203 A 5000

Item GKS-005-0008



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Partner for Future Technology

- Robust, compact design for harsh ICT/FCT applications with limited space
- For optimum contact at the test points (e.g. pads, vias, and pins), various tip styles in different diameters and finishes, as well as various spring forces are available. spring forces.

### General data

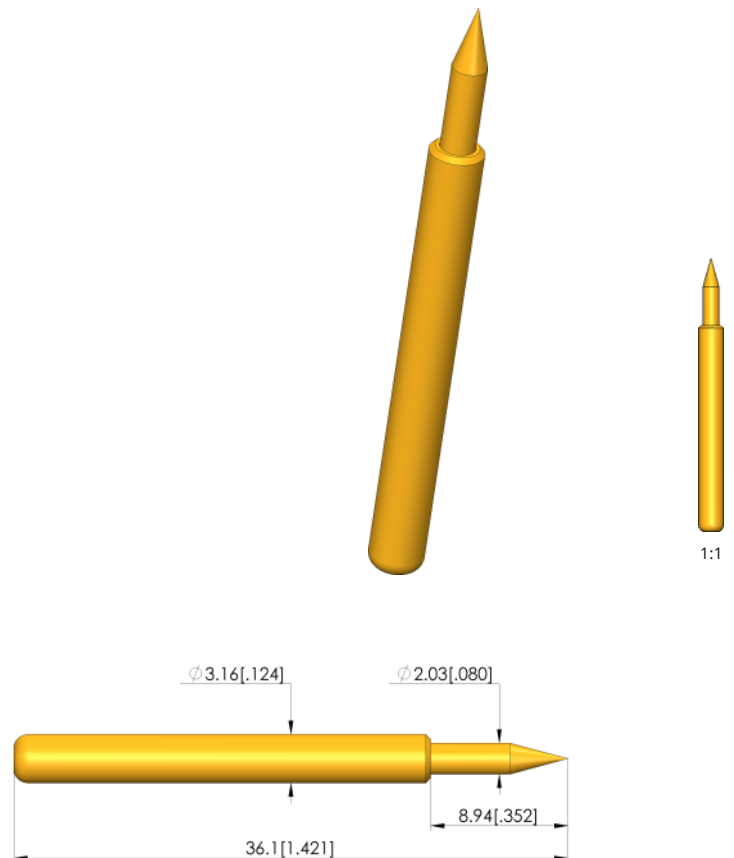
|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Product group                  | ICT / FCT (in-circuit test and function test) |
| Sub-product group              | Short/robust GKS                              |
| Series                         | GKS-005                                       |
| Grid                           | 4.75 mm [187 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-005                                        |
| Min. temperature               | - 40 °C [- 104 °F]                            |
| Max. temperature               | + 80 °C [+ 176 °F]                            |
| RoHS-compliant                 | RoHS-3;6a                                     |

### Electrical data

|                                       |          |
|---------------------------------------|----------|
| Current load capacity / rated current | 6 A      |
| Typical resistance (Ri)               | <20 mOhm |

### Mechanical data

|                                |                   |
|--------------------------------|-------------------|
| Total length                   | 36.1 mm [1.42 in] |
| Barrel diameter                | 3.18 mm [.125 in] |
| Maximum stroke                 | 6.35 mm [.25 in]  |
| Spring pre-load                | 2.53 N [9.10 ozf] |
| Collar height                  | 00                |
| Spring force at working stroke | 5 N [17.9 ozf]    |
| Recommended working stroke     | 4.4 mm [.173 in]  |



### Tip style data

|                    |                                  |
|--------------------|----------------------------------|
| Tip style          | 01 30° needle tip, self-cleaning |
| Tip diameter       | 2.03 mm [.079 in]                |
| Tip style surface  | A gold                           |
| Tip style material | 2 steel                          |



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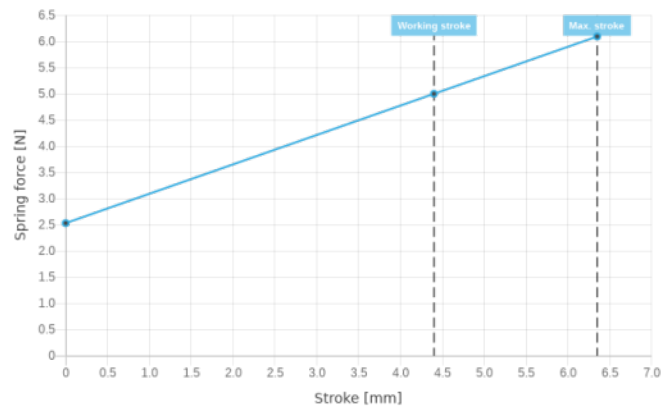
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