

# Spring-loaded test probe

## GKS-100 214 050 A 4000

Item GKS-100-0339



GO TO PRODUCT

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- Well-established test probes for contacting PCBs
- For optimal contact to the test points (e.g. pads, vias, and pins), various tip styles with various diameters and finishes are available.
- Various spring forces available as well as versions with stainless steel springs suitable for high temperatures

### General data

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Product group                  | ICT / FCT (in-circuit test and function test) |
| Sub-product group              | Standard stroke test probe                    |
| Series                         | GKS-100                                       |
| Grid                           | 2.54 mm [100 mil]                             |
| Contacting from                | Pad, Pin, Post                                |
| Magnetic                       | Yes                                           |
| Installation type              | Plug-in                                       |
| Quick-exchange system          | Yes                                           |
| Adjustable installation height | No                                            |
| Non-rotating                   | No                                            |
| Compatible receptacle(s)       | KS-100                                        |
| Min. temperature               | - 40 °C [- 104 °F]                            |
| Max. temperature               | + 80 °C [+ 176 °F]                            |
| RoHS-compliant                 | RoHS-3;6a                                     |

### Electrical data

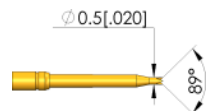
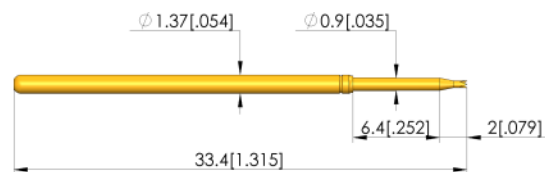
|                                       |          |
|---------------------------------------|----------|
| Current load capacity / rated current | 5 A      |
| Typical resistance (Ri)               | <20 mOhm |

### Mechanical data

|                                |                   |
|--------------------------------|-------------------|
| Total length                   | 33.4 mm [1.31 in] |
| Barrel diameter                | 1.37 mm [.053 in] |
| Maximum stroke                 | 6.35 mm [.25 in]  |
| Spring pre-load                | 1.18 N [4.24 ozf] |
| Collar height                  | 00                |
| Spring force at working stroke | 4 N [14.3 ozf]    |
| Recommended working stroke     | 4.3 mm [.169 in]  |

### Tip style data

|                    |                                 |
|--------------------|---------------------------------|
| Tip style          | 14 4-point crown, self-cleaning |
| Tip diameter       | 0.5 mm [.019 in]                |
| Tip style surface  | A gold                          |
| Tip style material | 2 steel                         |



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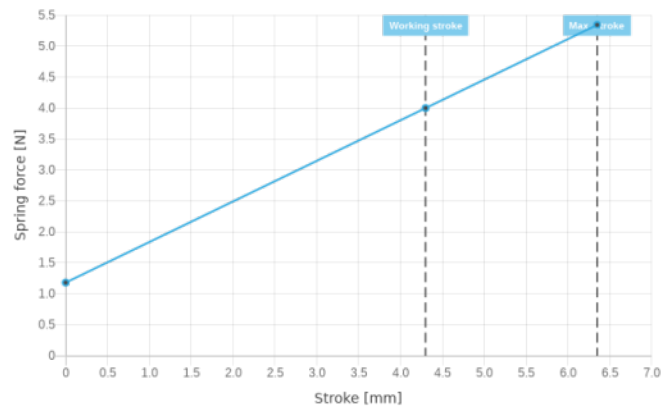
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