

# Spring-loaded test probe

## GKS-103 105 400 A 0802 W

Item GKS-103-0040



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Partner for Future Technology

### General data

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Product group                  | ICT / FCT (in-circuit test and function test) |
| Sub-product group              | Metric standard                               |
| Series                         | GKS-103 W wire-wrap version                   |
| Grid                           | 4.5 mm [177 mil]                              |
| Contacting from                | Pad, Female connector                         |
| Magnetic                       | Yes                                           |
| Installation type              | Plug-in                                       |
| Quick-exchange system          | No                                            |
| Type of test probe connection  | Wire-wrap                                     |
| Adjustable installation height | No                                            |
| Non-rotating                   | No                                            |
| Compatible receptacle(s)       | KS-103 23                                     |
| Min. temperature               | - 40 °C [- 104 °F]                            |
| Max. temperature               | + 80 °C [+ 176 °F]                            |
| RoHS-compliant                 | RoHS-3;6c                                     |

### Electrical data

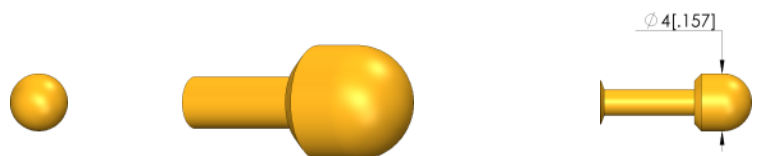
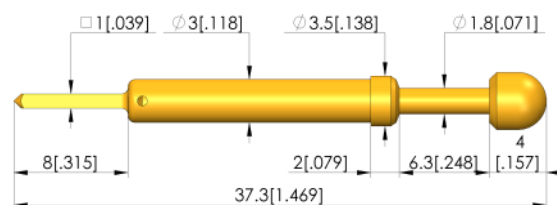
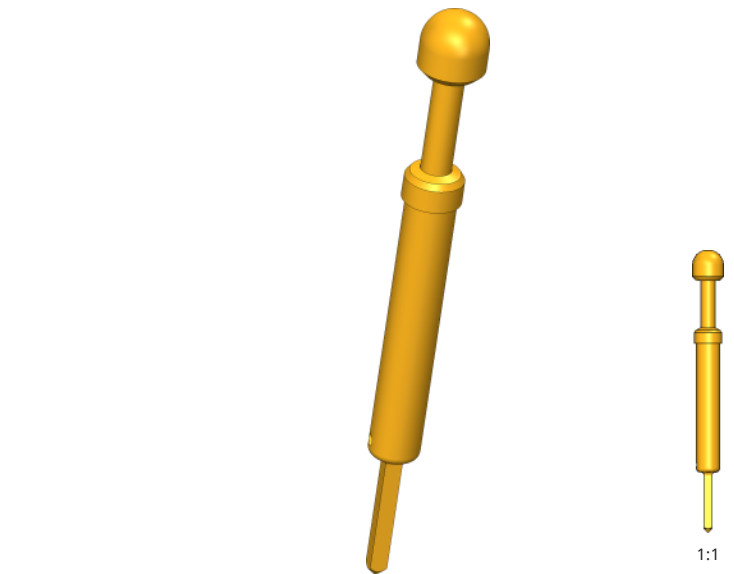
|                                       |          |
|---------------------------------------|----------|
| Current load capacity / rated current | 5 A      |
| Typical resistance (Ri)               | <30 mOhm |

### Mechanical data

|                                |                   |
|--------------------------------|-------------------|
| Total length                   | 37.3 mm [1.46 in] |
| Barrel diameter                | 3 mm [.118 in]    |
| Maximum stroke                 | 6 mm [.236 in]    |
| Spring pre-load                | 0.27 N [.971 ozf] |
| Collar height                  | 02                |
| Spring force at working stroke | 0.8 N [2.87 ozf]  |
| Recommended working stroke     | 4.8 mm [.188 in]  |

### Tip style data

|                    |                               |
|--------------------|-------------------------------|
| Tip style          | 05 bullet-nosed (full radius) |
| Tip diameter       | 4 mm [.157 in]                |
| Tip style surface  | A gold                        |
| Tip style material | 1 brass                       |



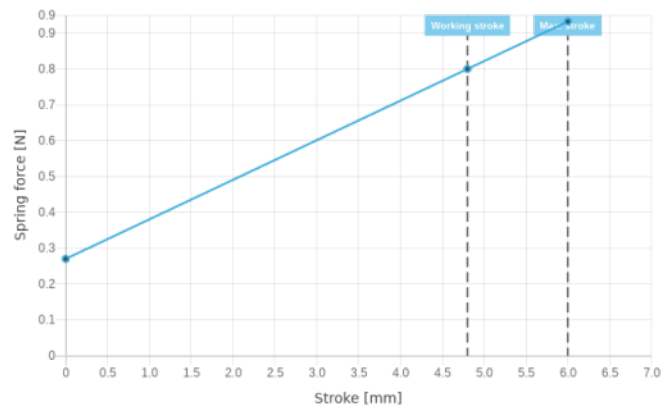
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ICT/FCT Test probes

