

# Spring-loaded test probe

## GKS-112 303 180 A 0603

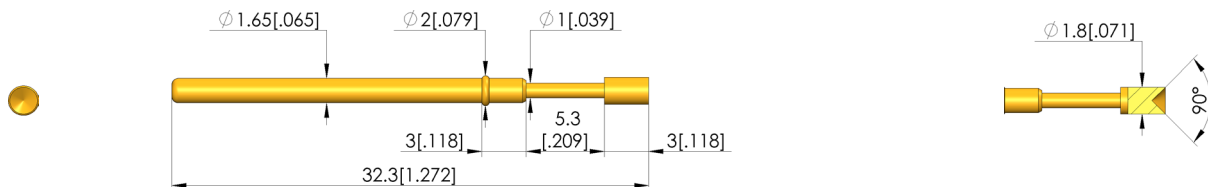
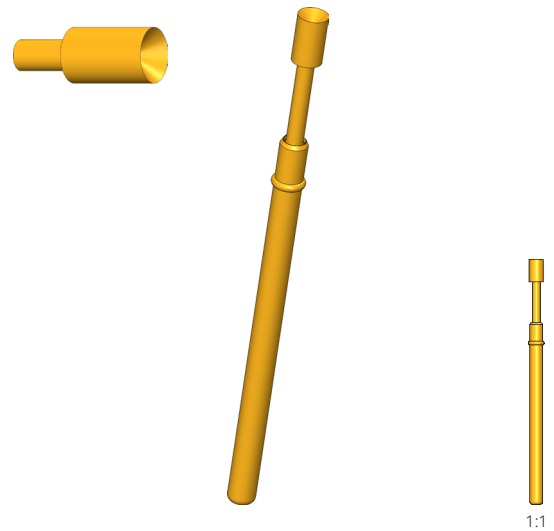
Item GKS-112-1968



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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-112                                       |
| Grid:                           | 2.54 mm [100 mil]                             |
| Contacting from:                | Pin, posts                                    |
| Magnetic:                       | Yes                                           |
| Installation type:              | Plug-in                                       |
| Quick-exchange system:          | Yes                                           |
| Adjustable installation height: | No                                            |
| Non-rotating:                   | No                                            |
| Compatible receptacle(s):       | KS-112                                        |
| 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):               | <20 mOhm |

### Mechanical data

|                                 |                    |
|---------------------------------|--------------------|
| Total length:                   | 32.3 mm [1.27 in]  |
| Barrel diameter:                | 1.66 mm [0.065 in] |
| Maximum stroke:                 | 5.3 mm [0.208 in]  |
| Spring pre-load:                | 0.2 N [0.045 ozf]  |
| Collar height:                  | 03                 |
| Spring force at working stroke: | 0.6 N [0.135 ozf]  |
| Recommended working stroke:     | 4 mm [0.157 in]    |

### Tip style data

|                     |                   |
|---------------------|-------------------|
| Tip style:          | 03 inverse cone   |
| Tip diameter:       | 1.8 mm [0.070 in] |
| Tip style surface:  | A gold            |
| Tip style material: | 3 CuBe            |

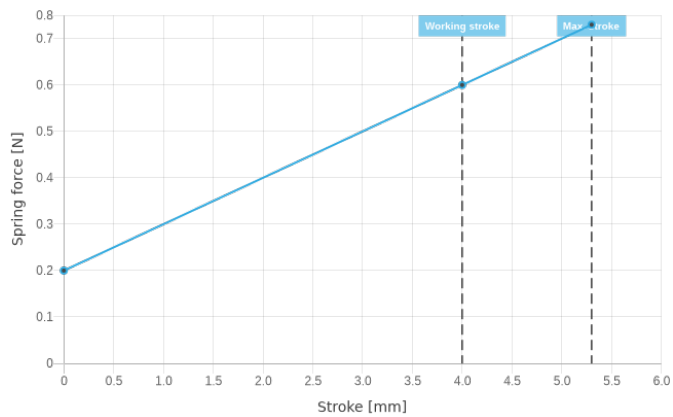
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