# Spring-loaded test probe

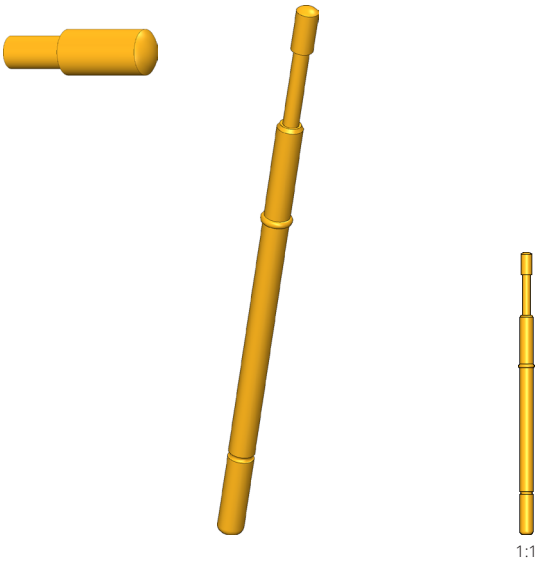
# GKS-112 305 140 A 0807

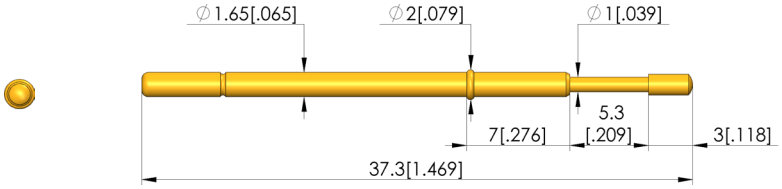
Item GKS-112-2485

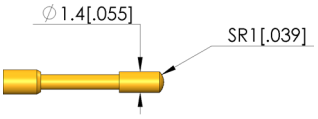
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- Robust test probes with distinctive collar (stop) on the barrel
- Optimum adjustment of the stroke ratios in the test fixture: The collar is available in different heights, which, in combination with the receptacles, allows a range of installation 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: | Pad, Female connector |
| 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: | 37.3 mm [1.46 in] |
| Barrel diameter: | 1.66 mm [.065 in] |
| Maximum stroke: | 5.3 mm [.208 in] |
| Spring pre-load: | 0.27 N [.971 ozf] |
| Collar height: | 07 |
| Spring force at working stroke: | 0.8 N [2.87 ozf] |
| Recommended working stroke: | 4 mm [.157 in] |

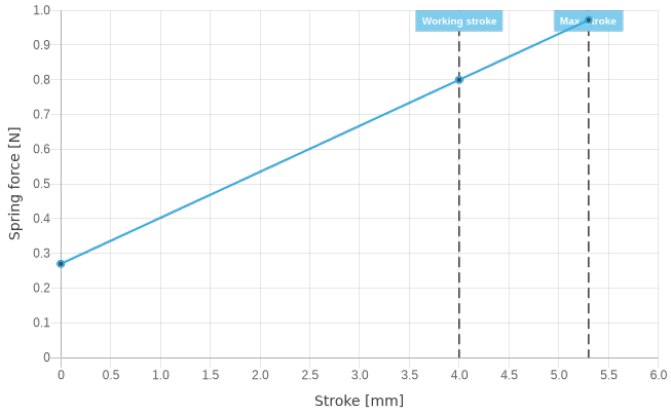
## Tip style data

| | |
|---|---|
| Tip style: | 05 bullet-nosed (full radius) |
| Tip diameter: | 1.4 mm [.055 in] |
| Tip style surface: | A gold |
| Tip style material: | 3 CuBe |

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