# Spring-loaded test probe

## GKS-412 217 200 A 5005

Item GKS-412-0223

GO TO PRODUCT

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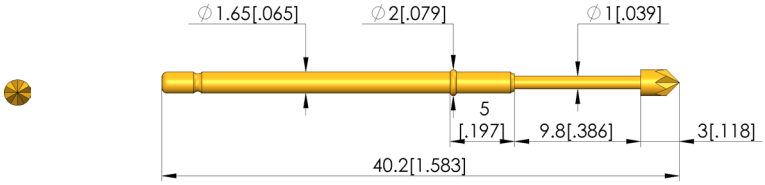
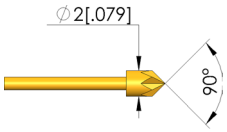
- Robust test probes with distinctive collar (stop) on the barrel
- Optimum adjustment of the stroke ratios in the test fixture: The collar is available in different heights, which, in combination with the receptacles, allows a range of installation heights




### General data

| | |
|---|---|
| Product group: | ICT / FCT (in-circuit test and function test |
| Sub-product group: | Metric standard |
| Series: | GKS-412 |
| Grid: | 2.54 mm [100 mil] |
| Contacting from: | Pad, Via, 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;6a |

### Electrical data

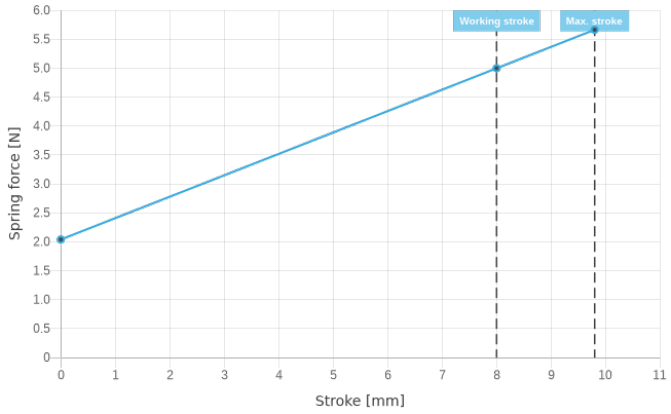
| | |
|---|---|
| Current load capacity / rated current: | 5 A |
| Typical resistance (Ri): | <20 mOhm |

### Mechanical data

| | |
|---|---|
| Total length: | 40.2 mm [1.58 in] |
| Barrel diameter: | 1.66 mm [.065 in] |
| Maximum stroke: | 9.8 mm [.385 in] |
| Spring pre-load: | 2.04 N [7.33 ozf] |
| Collar height: | 05 |
| Spring force at working stroke: | 5 N [17.9 ozf] |
| Recommended working stroke: | 8 mm [.314 in] |

### Tip style data

| | |
|---|---|
| Tip style: | 17 hexagonal pyramid with cutting edges, self-cleaning |
| Tip diameter: | 2 mm [.078 in] |
| Tip style surface: | A gold |
| Tip style material: | 2 steel |

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