

# Spring-loaded test probe

## GKS-112 302 200 A 1505 M

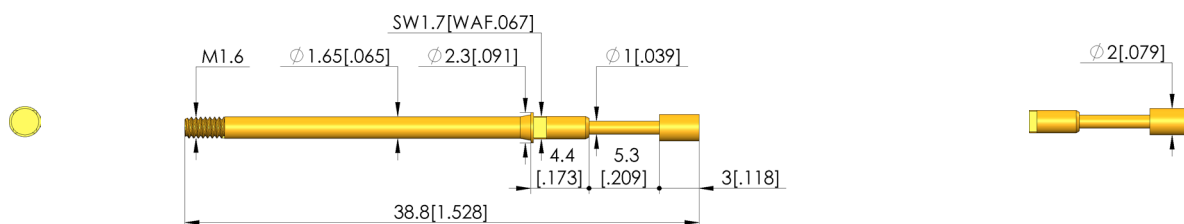
Item GKS-112-1856



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- Screw-in test probes for applications with possible vibrations or unwanted side and axial forces (migration of the test probe out of the receptacle is reliably prevented)
- The screw-in test probe is securely installed in the KS using a torque screwdriver and bit tool. The required screw-in torque is applied via a square post on the receptacle.
- Stainless steel versions for temperatures from -100 °C up to +200 °C available



### General data

|                                 |                                  |
|---------------------------------|----------------------------------|
| Product group:                  | Screw-in test probe              |
| Sub-product group:              | Screw-in test probe              |
| Series:                         | GKS-112 M screw-in               |
| Grid:                           | 2.54 mm [100 mil]                |
| Contacting from:                | Pin, Pfoften, Bead, Flachkontakt |
| Magnetic:                       | Yes                              |
| Installation type:              | Screw-in                         |
| Quick-exchange system:          | Yes                              |
| Adjustable installation height: | No                               |
| Non-rotating:                   | No                               |
| Screw-in torque:                | 3 - 5 cNm [.265 - .442 lbf·in]   |
| Compatible receptacle(s):       | KS-112 M                         |
| Min. temperature:               | - 40 °C [- 104 °F]               |
| Max. temperature:               | + 80 °C [+ 176 °F]               |
| RoHS-compliant:                 | RoHS-3;6c                        |

### Electrical data

|                                        |          |
|----------------------------------------|----------|
| Current load capacity / rated current: | 8 A      |
| Typical resistance (R <sub>i</sub> ):  | <20 mOhm |

### Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 38.8 mm [1.52 in] |
| Barrel diameter:                | 1.65 mm [.064 in] |
| Maximum stroke:                 | 5.3 mm [.208 in]  |
| Spring pre-load:                | 0.5 N [1.79 ozf]  |
| Collar height:                  | 05                |
| Spring force at working stroke: | 1.5 N [5.39 ozf]  |
| Recommended working stroke:     | 4 mm [1.57 in]    |

### Tip style data

|                     |                |
|---------------------|----------------|
| Tip style:          | 02 flat        |
| Tip diameter:       | 2 mm [.078 in] |
| Tip style surface:  | A gold         |
| Tip style material: | 3 CuBe         |

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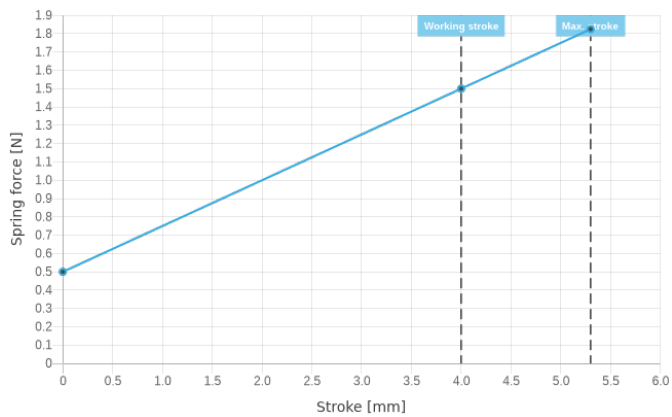
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