

# Spring-loaded test probe

## GKS-112 305 080 A 3005 MC

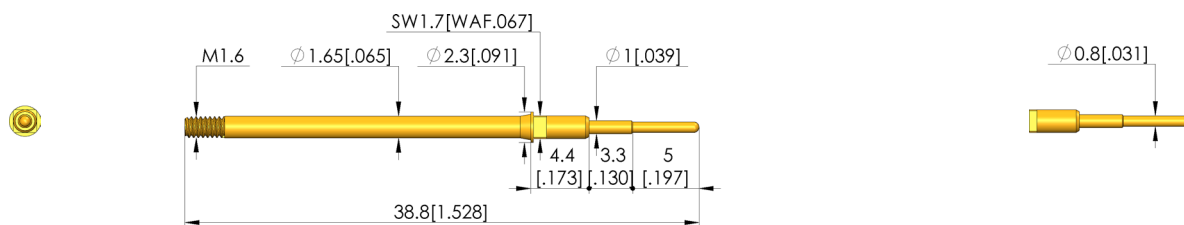
Item GKS-112-2598



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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:                | Pad, Female connector          |
| 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:               | - 100 °C [- 212 °F]            |
| Max. temperature:               | + 200 °C [+ 392 °F]            |
| RoHS-compliant:                 | RoHS-3;6c                      |

### Electrical data

|                                        |           |
|----------------------------------------|-----------|
| Current load capacity / rated current: | 8 A       |
| Typical resistance (Ri):               | <100 mOhm |

### Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 38.8 mm [1.52 in] |
| Barrel diameter:                | 1.65 mm [.064 in] |
| Maximum stroke:                 | 8 mm [.314 in]    |
| Spring pre-load:                | 0.9 N [3.23 ozf]  |
| Collar height:                  | 05                |
| Spring force at working stroke: | 3 N [10.7 ozf]    |
| Recommended working stroke:     | 4 mm [.157 in]    |

### Tip style data

|                     |                               |
|---------------------|-------------------------------|
| Tip style:          | 05 bullet-nosed (full radius) |
| Tip diameter:       | 0.8 mm [.031 in]              |
| Tip style surface:  | A gold                        |
| Tip style material: | 3 CuBe                        |

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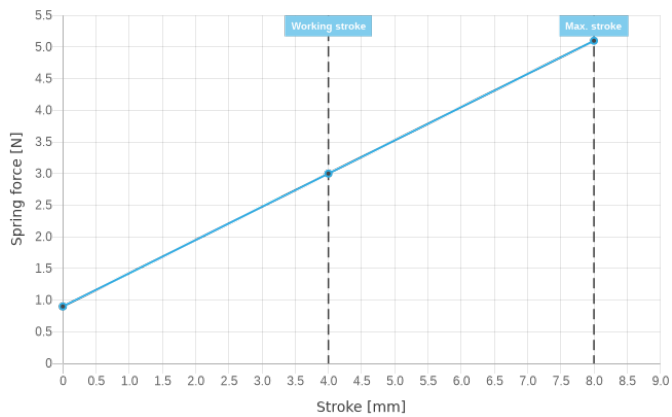
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