

# Spring-loaded test probe GKS-112 305 140 A 3007 C

Item GKS-112-2022



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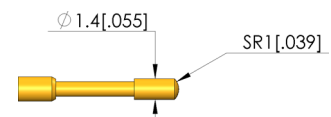
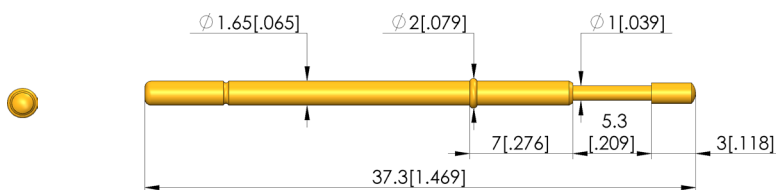
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- Robust test probes with distinctive collar (stop) on the barrel
- Optimum adjustment of the stroke ratios in the test fixture:  
The collar is available in different heights, which, in combination with the receptacles, allows a range of installation heights
- Stainless steel versions for temperatures from -100 °C up to +200 °C available



1:1



## 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:               | - 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:                   | 37.3 mm [1.46 in]  |
| Barrel diameter:                | 1.66 mm [0.065 in] |
| Maximum stroke:                 | 5.3 mm [0.208 in]  |
| Spring pre-load:                | 0.9 N [3.23 ozf]   |
| Collar height:                  | 07                 |
| Spring force at working stroke: | 3 N [10.7 ozf]     |
| Recommended working stroke:     | 4 mm [0.157 in]    |

## Tip style data

|                     |                               |
|---------------------|-------------------------------|
| Tip style:          | 05 bullet-nosed (full radius) |
| Tip diameter:       | 1.4 mm [0.055 in]             |
| Tip style surface:  | A gold                        |
| Tip style material: | 3 CuBe                        |

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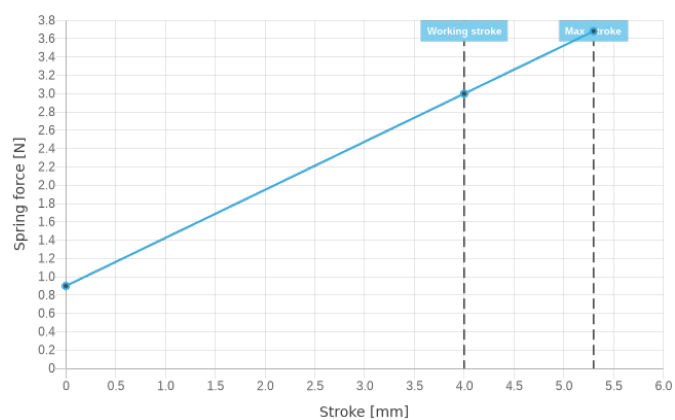
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