

# High-current test probe

## HSS-100 317 150 A 3000

Item HSS-100-0004

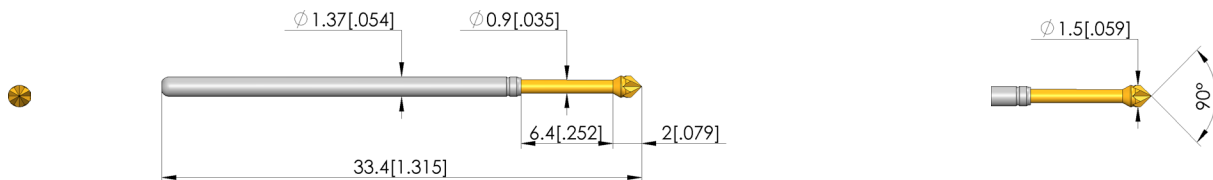


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Partner for Future Technology

- Trusted, robust high-current probes, optimally sized for current load capacity ratio
- Low-resistance contact probe with  $R_i$  typical < 10 m $\Omega$
- For use in function and burn-in tests
- Large selection of tip styles and spring forces for optimum contact with DUT
- Optimum adjustment of the stroke ratios in the test fixture: The test probe collar is available in different heights, which, in combination with the receptacles, allows a range of installation heights



### General data

|                                 |                            |
|---------------------------------|----------------------------|
| Product group:                  | International standard HSS |
| Sub-product group:              | International standard HSS |
| Series:                         | HSS-100                    |
| Grid:                           | 2.54 mm [100 mil]          |
| Contacting from:                | Via                        |
| Magnetic:                       | Yes                        |
| Installation type:              | Plug-in                    |
| Quick-exchange system:          | Yes                        |
| Adjustable installation height: | No                         |
| Non-rotating:                   | No                         |
| Compatible receptacle(s):       | KS-100                     |
| Min. temperature:               | -100 °C [-148 °F]          |
| Max. temperature:               | 200 °C [392 °F]            |
| RoHS-compliant:                 | Yes                        |

### Tip style data

|                     |  |
|---------------------|--|
| Tip style:          | 17 hexagonal pyramid with cutting edges, self-cleaning |
| Tip diameter:       | 1.5 mm [.059 in]                                       |
| Tip style surface:  | A gold   |
| Tip style material: | 3 CuBe   |

### Electrical data

|  |         |
|--|---------|
| Current load capacity / rated current: | 16 A    |
| Typical resistance ( $R_i$ ):          | 10 mOhm |

### Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 33.4 mm [1.31 in] |
| Barrel diameter:                | 1.37 mm [.053 in] |
| Maximum stroke:                 | 6.35 mm [.25 in]  |
| Spring pre-load:                | 1.05 N [3.77 ozf] |
| Collar height:                  | 00                |
| Spring force at working stroke: | 3 N [10.7 ozf]    |
| Recommended working stroke:     | 4.3 mm [.169 in]  |

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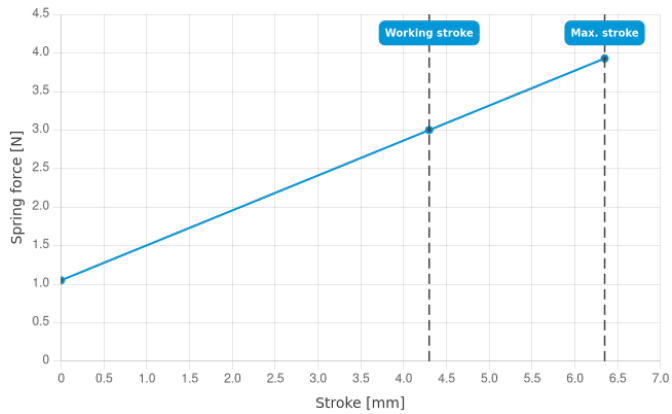
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