

# High-current probe

## HSS-150 317 300 A 9902 M

Item HSS-150-0035

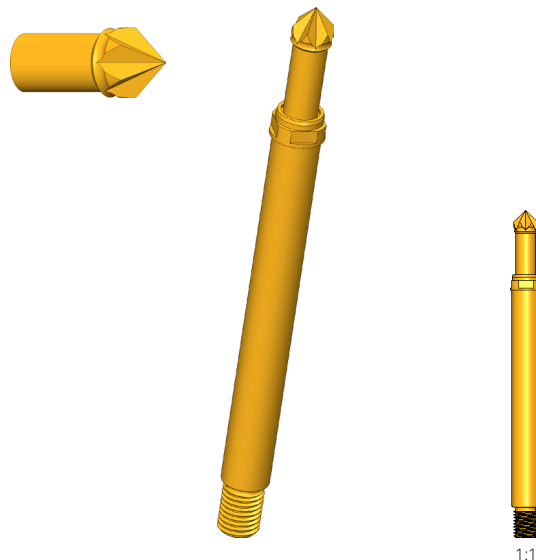


GO TO PRODUCT

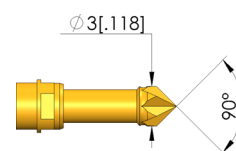
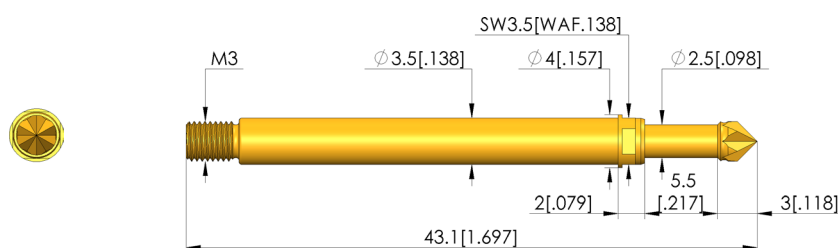
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- Trusted high-current probes, optimally sized for current load capacity ratio
- Low resistance probe with  $R_i$  typical: < 10 mOhm
- For use in function and burn-in tests
- Large selection of tip styles and spring forces for optimum contact with DUT
- Secure hold in the receptacle due to threaded connection



1:1



### General data

|                                 |                                  |
|---------------------------------|----------------------------------|
| Product group:                  | High-current test probe          |
| Sub-product group:              | Standard HSS (screw-in)          |
| Series:                         | HSS-150 M screw-in               |
| Grid:                           | 5.08 mm [200 mil]                |
| Contacting from:                | Pad, Via, Female connector       |
| Magnetic:                       | Yes                              |
| Installation type:              | Screw-in                         |
| Quick-exchange system:          | Yes                              |
| Adjustable installation height: | No                               |
| Non-rotating:                   | No                               |
| Screw-in torque:                | 10 - 20 cNm [.885 - 1.77 lbf·in] |
| Compatible receptacle(s):       | KS-150 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: | 50 A     |
| Typical resistance ( $R_i$ ):          | <10 mOhm |

### Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length:                   | 43.1 mm [1.69 in] |
| Barrel diameter:                | 3.5 mm [.137 in]  |
| Maximum stroke:                 | 5.5 mm [.216 in]  |
| Spring pre-load:                | 6.11 N [21.9 ozf] |
| Collar height:                  | 02                |
| Spring force at working stroke: | 10 N [35.9 ozf]   |
| Recommended working stroke:     | 4.4 mm [.173 in]  |

### Tip style data

|                     |                                                        |
|---------------------|--------------------------------------------------------|
| Tip style:          | 17 hexagonal pyramid with cutting edges, self-cleaning |
| Tip diameter:       | 3 mm [.118 in]                                         |
| Tip style surface:  | A gold                                                 |
| Tip style material: | 3 CuBe                                                 |

HIGH-CURRENT TEST PROBE

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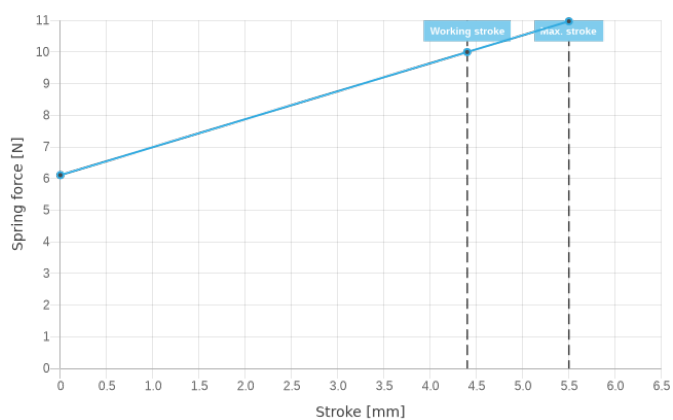
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