

# High-current test probe

## HSS-118 317 175 A 2207

Item HSS-118-0046

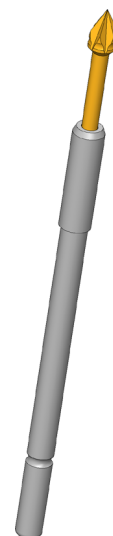
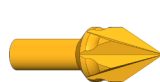


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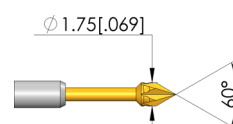
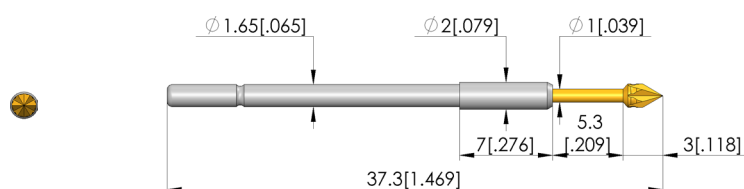
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- Trusted, robust high-current probes, optimally sized for current load capacity ratio
- Low-Ohm probe with Ri typical: < 10 mOhm
- For use in function and burn-in tests
- Large selection of tip styles and spring forces for optimum contact with DUT
- 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



1:1



### General data

|                                 |                         |
|---------------------------------|-------------------------|
| Product group:                  | Standard HSS (press-in) |
| Sub-product group:              | Standard HSS (press-in) |
| Series:                         | HSS-118                 |
| Grid:                           | 2.54 mm [100 mil]       |
| Contacting from:                |                         |
| 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 [-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:       | 1.75 mm [0.068 in]                                     |
| Tip style surface:  | A gold                                                 |
| Tip style material: | 3 CuBe                                                 |

### Electrical data

|                                        |         |
|----------------------------------------|---------|
| Current load capacity / rated current: | 20 A    |
| Typical resistance (Ri):               | 10 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:                | 0.61 N [2.19 ozf]  |
| Collar height:                  | 7                  |
| Spring force at working stroke: | 2.25 N [8.09 ozf]  |
| Recommended working stroke:     | 4 mm [0.157 in]    |

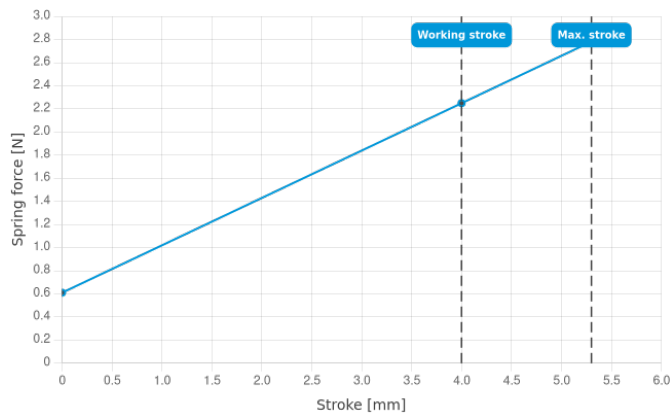
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