# High-current probe

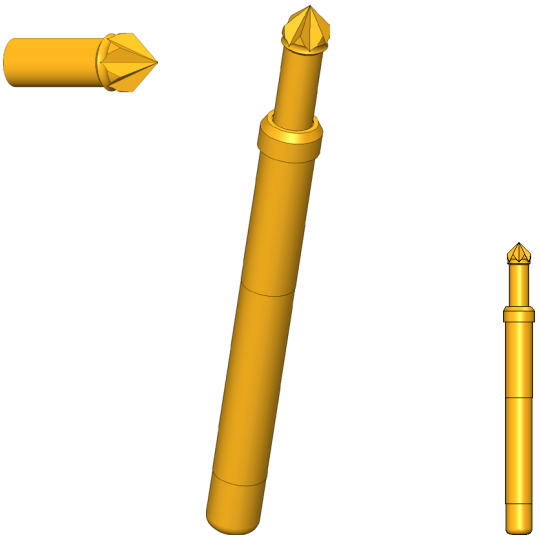
## HSS-150 317 300 A 5002

Item HSS-150-0021

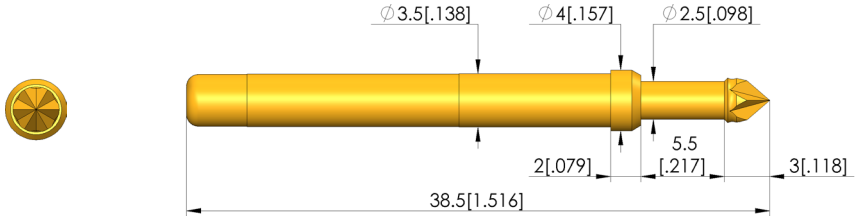
GO TO PRODUCT

ingun®
Partner for Future Technology

- 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: | High-current test probe |
| Sub-product group: | Standard HSS (press-in) |
| Series: | HSS-150 |
| Grid: | 5.08 mm [200 mil] |
| Contacting from: | Pad, Via, Female connector |
| Magnetic: | Yes |
| Installation type: | Plug-in |
| Quick-exchange system: | Yes |
| Adjustable installation height: | No |
| Non-rotating: | No |
| Compatible receptacle(s): | KS-150 |
| 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 (Ri): | <10 mOhm |

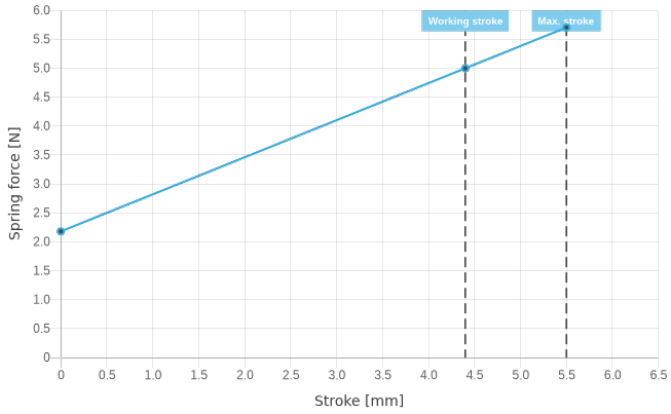
### Mechanical data

| | |
|---|---|
| Total length: | 38.5 mm [1.51 in] |
| Barrel diameter: | 3.5 mm [.137 in] |
| Maximum stroke: | 5.5 mm [.216 in] |
| Spring pre-load: | 2.18 N [7.84 ozf] |
| Collar height: | 02 |
| Spring force at working stroke: | 5 N [17.9 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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