# High-current probe

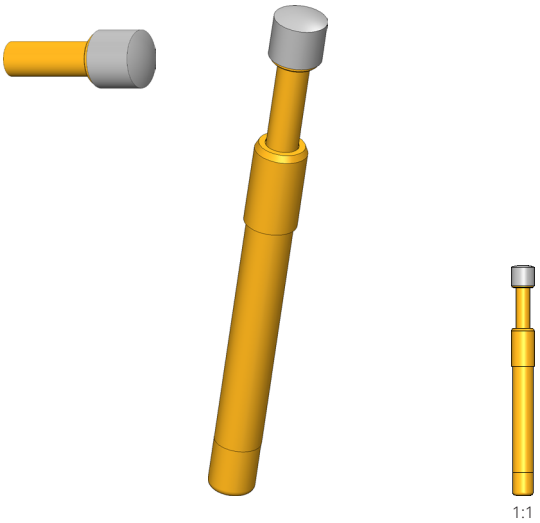
# HSS-120 305 300 S 1505

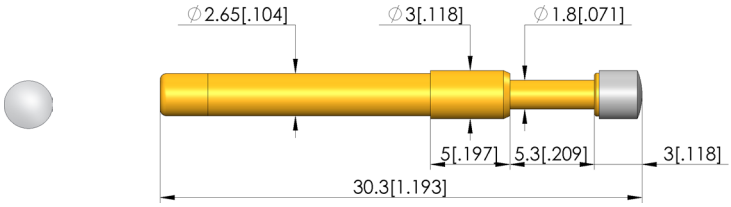
Item HSS-120-0419

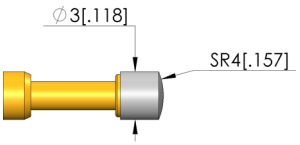
GO TO PRODUCT

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




## General data

| | |
|---|---|
| Product group: | High-current test probe |
| Sub-product group: | Standard HSS (press-in) |
| Series: | HSS-120 |
| Grid: | 4 mm [157 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-113, KS-113 23 |
| Min. temperature: | - 100 °C [- 212 °F] |
| Max. temperature: | + 200 °C [+ 392 °F] |
| RoHS-compliant: | RoHS-3;6c |

## Electrical data

| | |
|---|---|
| Current load capacity / rated current: | 30 A |
| Typical resistance (Ri): | <10 mOhm |

## Mechanical data

| | |
|---|---|
| Total length: | 30.3 mm [1.19 in] |
| Barrel diameter: | 2.65 mm [.104 in] |
| Maximum stroke: | 5.3 mm [.208 in] |
| Spring pre-load: | 0.45 N [1.61 ozf] |
| Collar height: | 05 |
| Spring force at working stroke: | 1.5 N [5.39 ozf] |
| Recommended working stroke: | 4 mm [.157 in] |

## Tip style data

| | |
|---|---|
| Tip style: | 05 bullet-nosed (full radius) |
| Tip diameter: | 3 mm [.118 in] |
| Tip style surface: | S silver |
| Tip style material: | 3 CuBe |

HIGH-CURRENT TEST PROBE

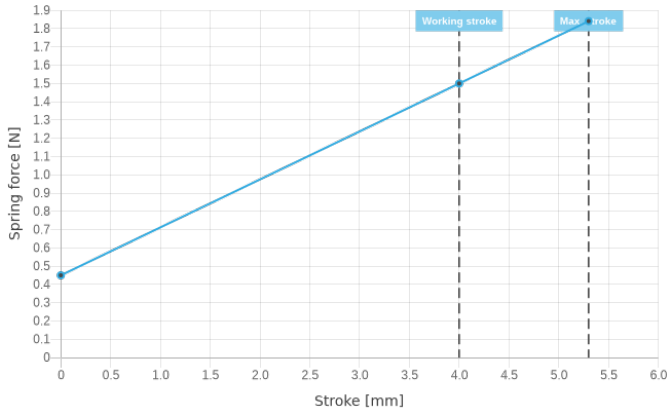
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## HSS-120 305 300 S 1505

Item HSS-120-0419

GO TO PRODUCT

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