

High-current probe

HSS-120 317 300 A 3002

Item HSS-120-0068



ingun[®]
Partner for Future Technology

- Trusted, robust high-current probes, optimally sized for current load capacity ratio
- Low resistance probe with Ri typical: < 10 mOhm
- 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, Via, 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

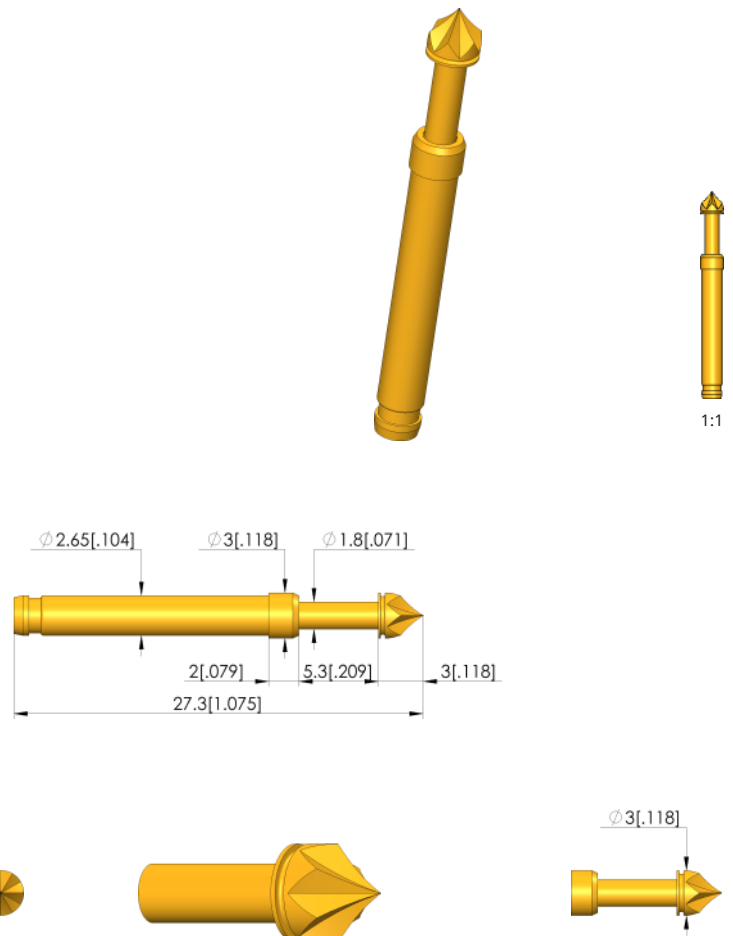
| | |
|---------------------------------------|----------|
| Current load capacity / rated current | 30 A |
| Typical resistance (Ri) | <10 mOhm |

Mechanical data

| | |
|--------------------------------|-------------------|
| Total length | 27.3 mm [1.07 in] |
| Barrel diameter | 2.65 mm [.104 in] |
| Maximum stroke | 5.3 mm [.208 in] |
| Spring pre-load | 0.71 N [2.55 ozf] |
| Collar height | .02 |
| Spring force at working stroke | 3 N [10.7 ozf] |
| Recommended working stroke | 4 mm [.157 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

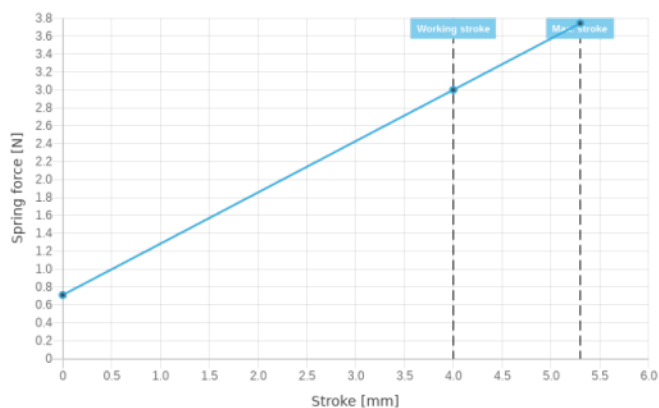
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Prices and delivery times on request.
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