

# High-current probe

## HSS-120 251 230 A 1505

Item HSS-120-0108



GO TO PRODUCT

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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                     |
| 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;6a;6c            |

### Electrical data

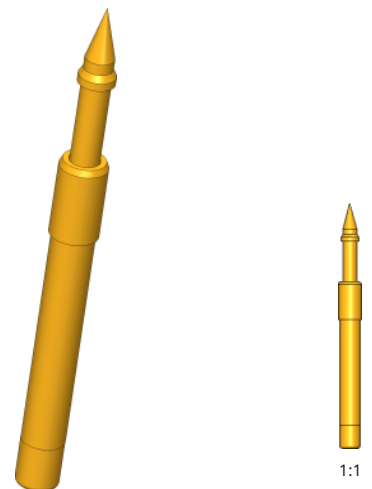
|                                       |          |
|---------------------------------------|----------|
| Current load capacity / rated current | 5 A      |
| Typical resistance (Ri)               | <10 mOhm |

### Mechanical data

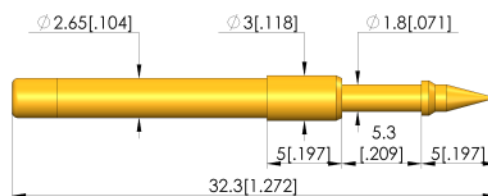
|                                |                   |
|--------------------------------|-------------------|
| Total length                   | 32.3 mm [1.27 in] |
| Barrel diameter                | 2.65 mm [.104 in] |
| Maximum stroke                 | 5.3 mm [.208 in]  |
| Spring pre-load                | 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          | 51 30° needle tip, special length, self-cleaning |
| Tip diameter       | 2.3 mm [.090 in]                                 |
| Tip style surface  | A gold                                           |
| Tip style material | 2 steel                                          |



1:1



HIGH-CURRENT TEST PROBE

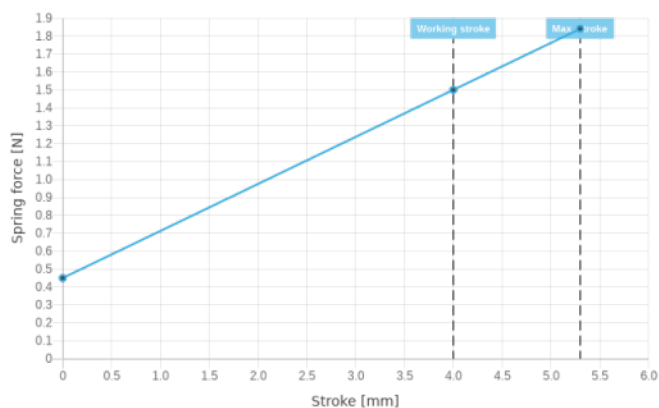
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