

# High-current probe

## HSS-120 251 230 A 3005

Item HSS-120-0166



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

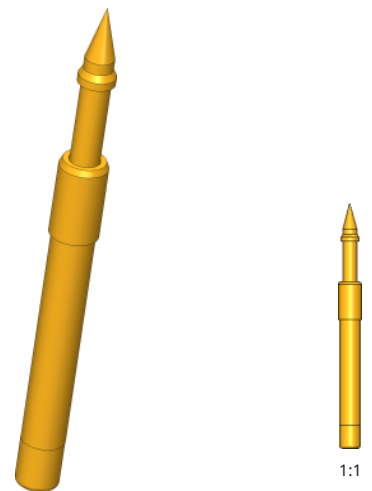
Current load capacity / rated current	5 A
Typical resistance (Ri)	<10 mOhm

### Mechanical data

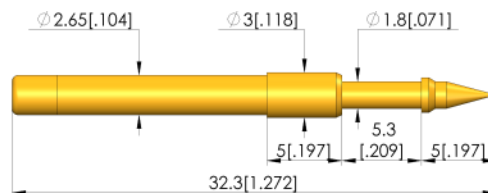
Total length	32.3 mm [1.27 in]
Barrel diameter	2.65 mm [.104 in]
Maximum stroke	5.3 mm [.208 in]
Spring pre-load	0.71 N [2.55 ozf]
Collar height	05
Spring force at working stroke	3 N [10.7 ozf]
Recommended working stroke	4 mm [.157 in]

### 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

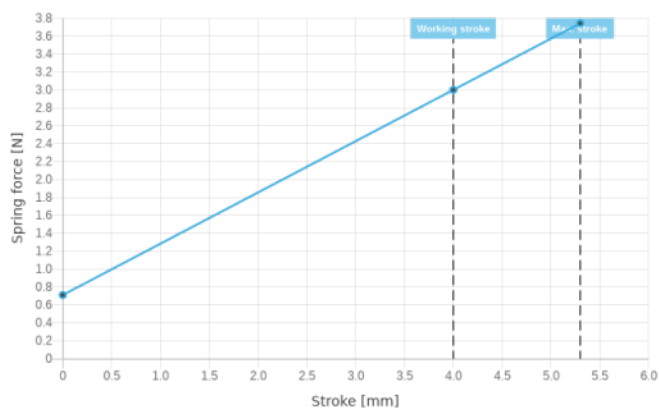
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