High-current probe

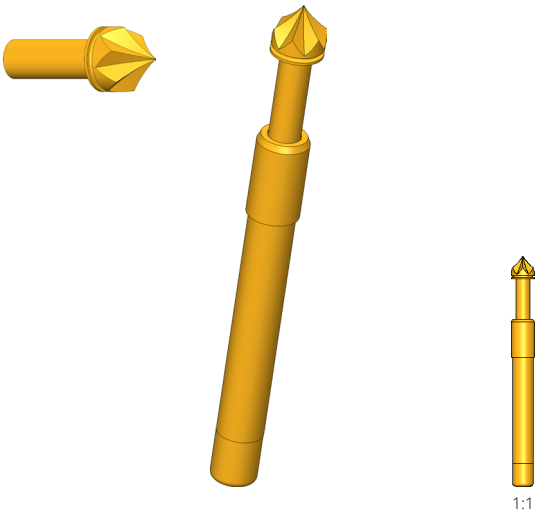
HSS-120 317 300 A 1505

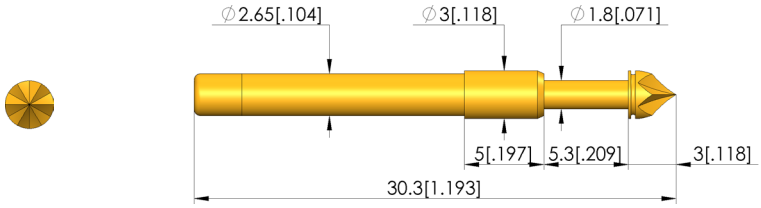
Item HSS-120-0055

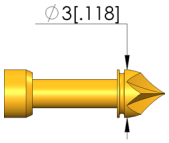
GO TO PRODUCT

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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, 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:	30.3 mm [1.19 in]
Barrel diameter:	2.65 mm [.104 in]
Maximum stroke:	5.3 mm [.208 in]
Spring pre-load:	0.39 N [1.40 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:	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

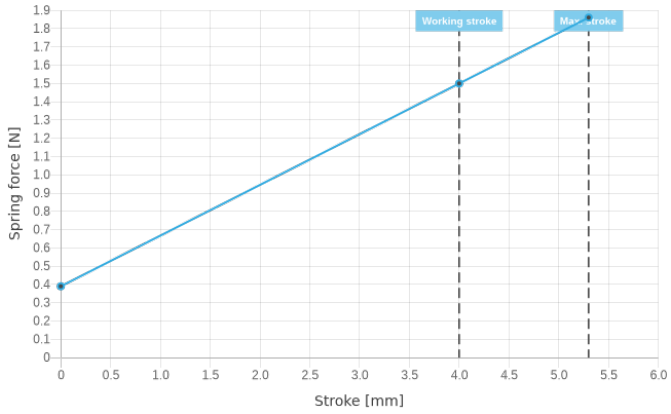
High-current probe

HSS-120 317 300 A 1505

Item HSS-120-0055

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