

High-current test probe

HSS-150 317 300 A 5002

Item HSS-150-0021

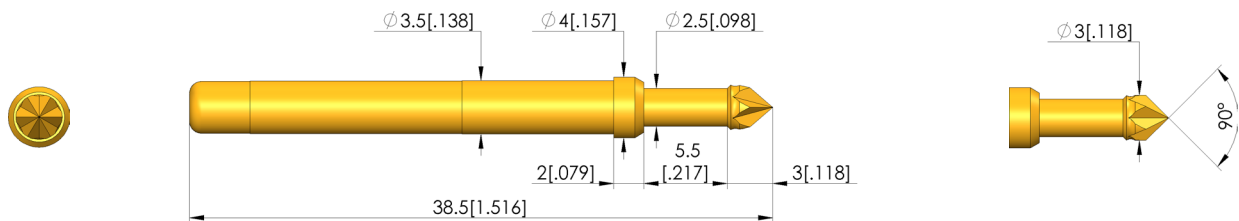
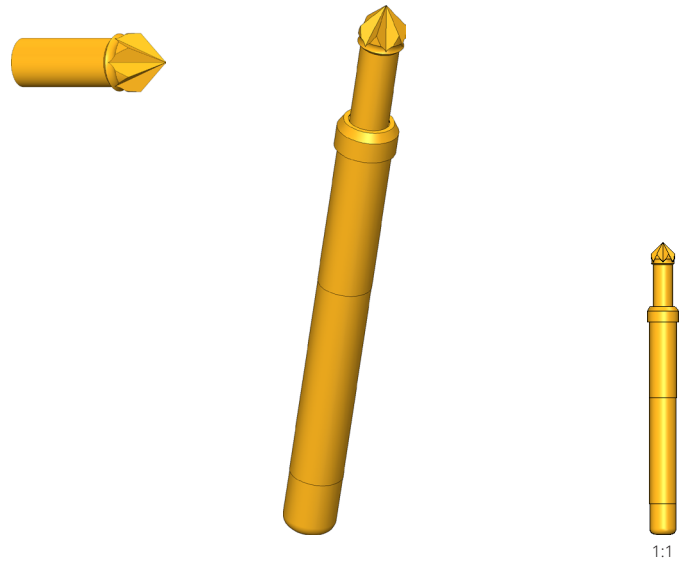


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- Trusted, robust high-current probes, optimally sized for current load capacity ratio
- Low-resistance contact probe with R_i typical < 10 mΩ
- For use in function and burn-in tests
- Large selection of tip styles and spring forces for optimum contact 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:	Standard HSS (press-in)
Sub-product group:	Standard HSS (press-in)
Series:	HSS-150
Grid:	5.08 mm [200 mil]
Contacting from:	Via
Magnetic:	Yes
Installation type:	Plug-in
Quick-exchange system:	Yes
Adjustable installation height:	No
Non-rotating:	No
Compatible receptacle(s):	KS-150
Min. temperature:	-100 °C [-148 °F]
Max. temperature:	200 °C [392 °F]
RoHS-compliant:	Yes

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

Electrical data

Current load capacity / rated current:	50 A
Typical resistance (R_i):	10 mOhm

Mechanical data

Total length:	38.5 mm [1.51 in]
Barrel diameter:	3.5 mm [.137 in]
Maximum stroke:	5.5 mm [.216 in]
Spring pre-load:	2.18 N [7.84 ozf]
Collar height:	02
Spring force at working stroke:	5 N [17.9 ozf]
Recommended working stroke:	4.4 mm [1.73 in]

HIGH-CURRENT TEST PROBES

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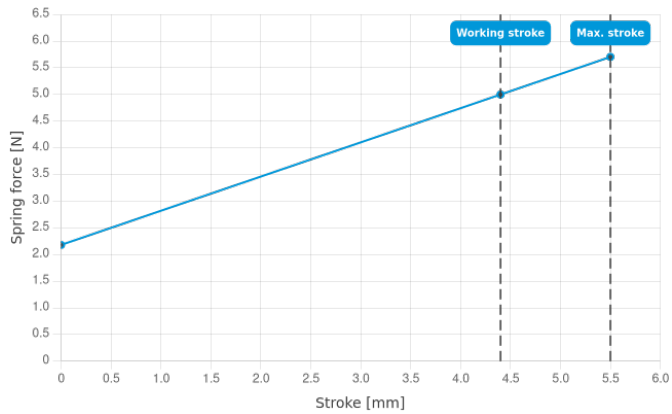
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