

# High-current test probe

## HSS-005 313 203 A 3000

Item HSS-005-0003

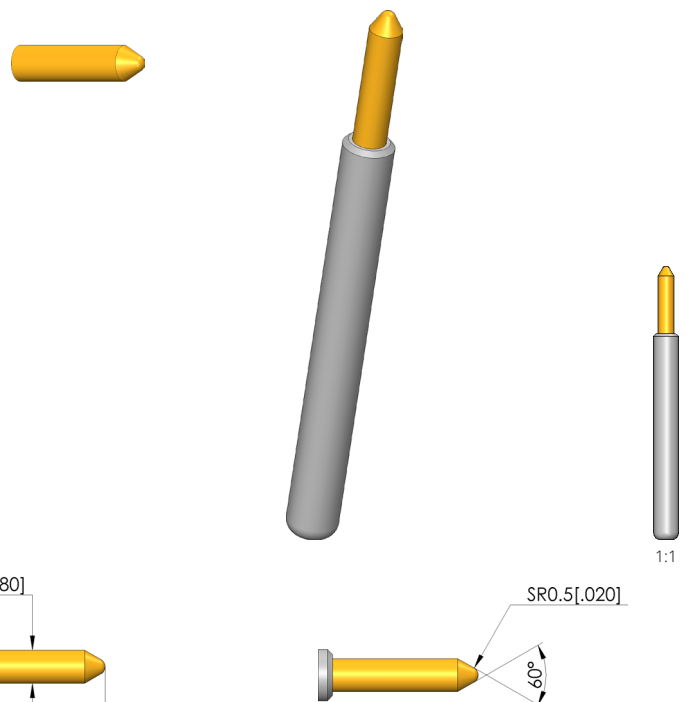


GO TO PRODUCT

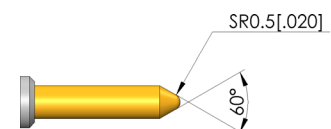
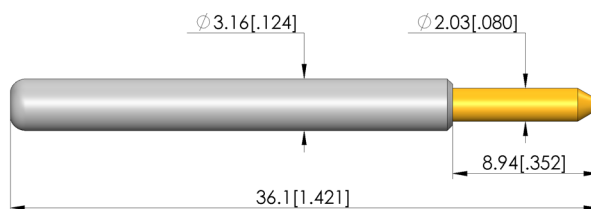
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- Trusted, robust high-current probes, optimally sized for current load capacity ratio
- Low-resistance contact probe with  $R_i$  typical < 10 mΩ
- For use in function and burn-in tests
- Large selection of tip styles and spring forces for optimum 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



1:1



### General data

Product group:	International standard HSS
Sub-product group:	International standard HSS
Series:	HSS-005
Grid:	4.75 mm [187 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-005
Min. temperature:	-100 °C [-148 °F]
Max. temperature:	200 °C [392 °F]
RoHS-compliant:	Yes

### Tip style data

Tip style:	13 30° needle tip, rounded
Tip diameter:	2.03 mm [.079 in]
Tip style surface:	A gold
Tip style material:	3 CuBe

### Electrical data

Current load capacity / rated current:	40 A
Typical resistance ( $R_i$ ):	5 mOhm

### Mechanical data

Total length:	36.1 mm [1.42 in]
Barrel diameter:	3.16 mm [.124 in]
Maximum stroke:	6.35 mm [.25 in]
Spring pre-load:	1.26 N [4.53 ozf]
Collar height:	00
Spring force at working stroke:	3 N [10.7 ozf]
Recommended working stroke:	4.4 mm [.173 in]

HIGH-CURRENT TEST PROBES

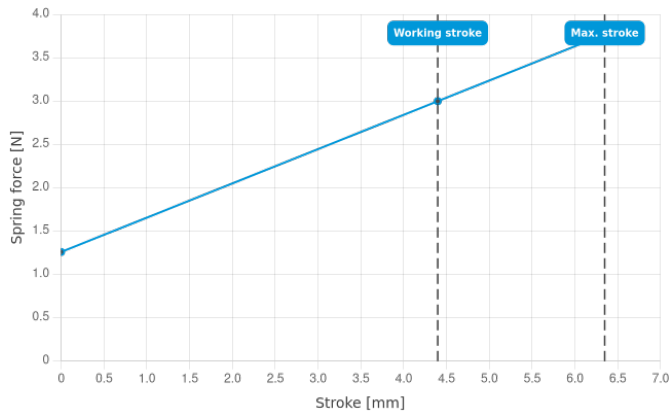
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