

# High-current test probe

## HSS-118 303 200 A 1502

Item HSS-118-0100

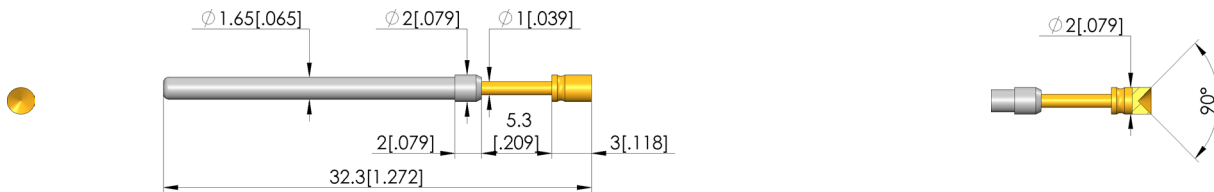
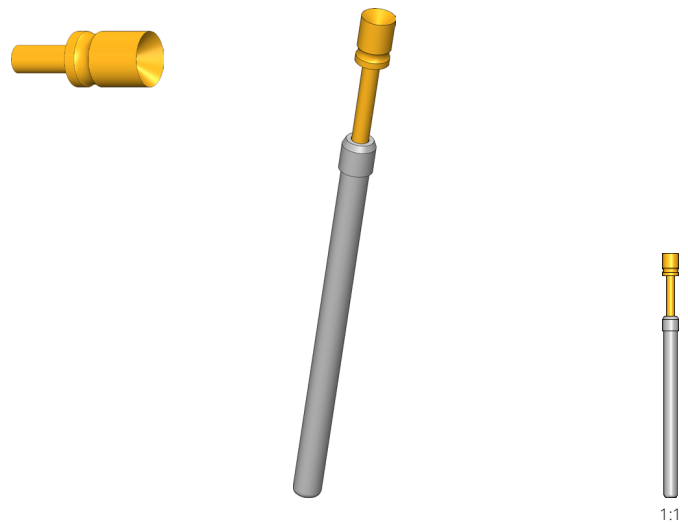


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Partner for Future Technology

- 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-118
Grid:	2.54 mm [100 mil]
Contacting from:	Post
Magnetic:	Yes
Installation type:	Plug-in
Quick-exchange system:	Yes
Adjustable installation height:	No
Non-rotating:	No
Compatible receptacle(s):	KS-112
Min. temperature:	-100 °C [-148 °F]
Max. temperature:	200 °C [392 °F]
RoHS-compliant:	Yes

### Tip style data

Tip style:	O3 inverse cone
Tip diameter:	2 mm [.078 in]
Tip style surface:	A gold
Tip style material:	3 CuBe

### Electrical data

Current load capacity / rated current:	20 A
Typical resistance ( $R_i$ ):	10 mΩ

### Mechanical data

Total length:	32.3 mm [1.27 in]
Barrel diameter:	1.66 mm [.065 in]
Maximum stroke:	5.3 mm [.208 in]
Spring pre-load:	0.5 N [1.79 ozf]
Collar height:	02
Spring force at working stroke:	1.5 N [5.39 ozf]
Recommended working stroke:	4 mm [.157 in]

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