

High-current test probe

HSS-003 317 254 A 2000

Item HSS-003-0008

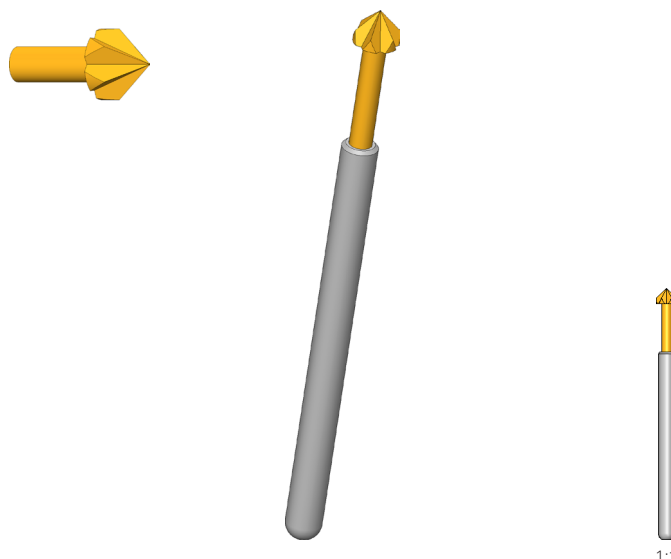


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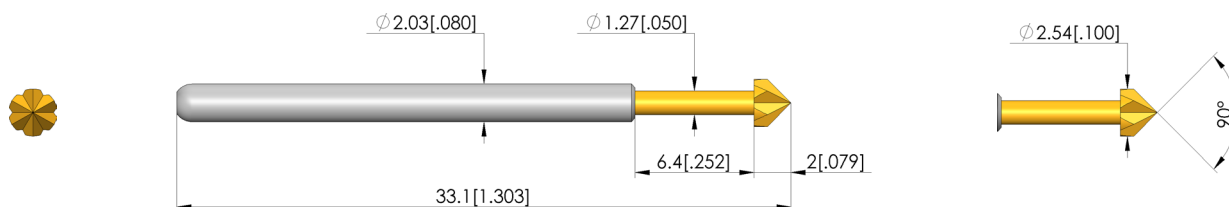
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Partner for Future Technology

- Trusted, robust high-current probes, optimally sized for current load capacity ratio
- Low-resistance contact probe with Ri 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-003
Grid:	3.18 mm [125 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-003
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:	2.54 mm [.1 in]
Tip style surface:	A gold
Tip style material:	3 CuBe

Electrical data

Current load capacity / rated current:	27 A
Typical resistance (Ri):	10 mOhm

Mechanical data

Total length:	33.1 mm [1.3 in]
Barrel diameter:	2.03 mm [.079 in]
Maximum stroke:	6.35 mm [.25 in]
Spring pre-load:	0.54 N [1.94 ozf]
Collar height:	00
Spring force at working stroke:	2 N [7.19 ozf]
Recommended working stroke:	4.4 mm [1.73 in]

HIGH-CURRENT TEST PROBES

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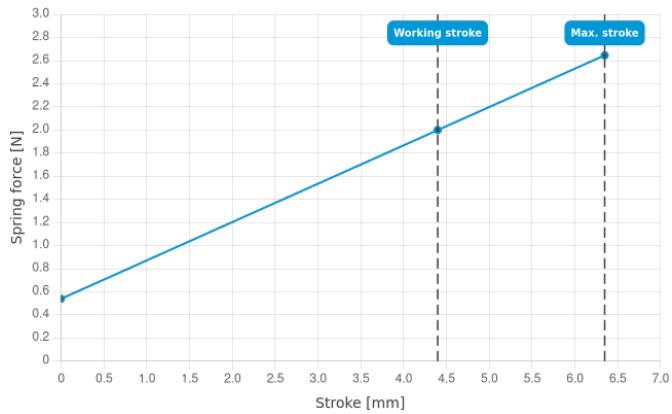
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