

High-current probe

HSS-118 317 175 A 1502

Item HSS-118-0031

- Trusted, robust high-current probes, optimally sized for current load capacity ratio
- Low resistance 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-118
Grid	2.54 mm [100 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-112
Min. temperature	- 100 °C [- 212 °F]
Max. temperature	+ 200 °C [+ 392 °F]
RoHS-compliant	Yes

Electrical data

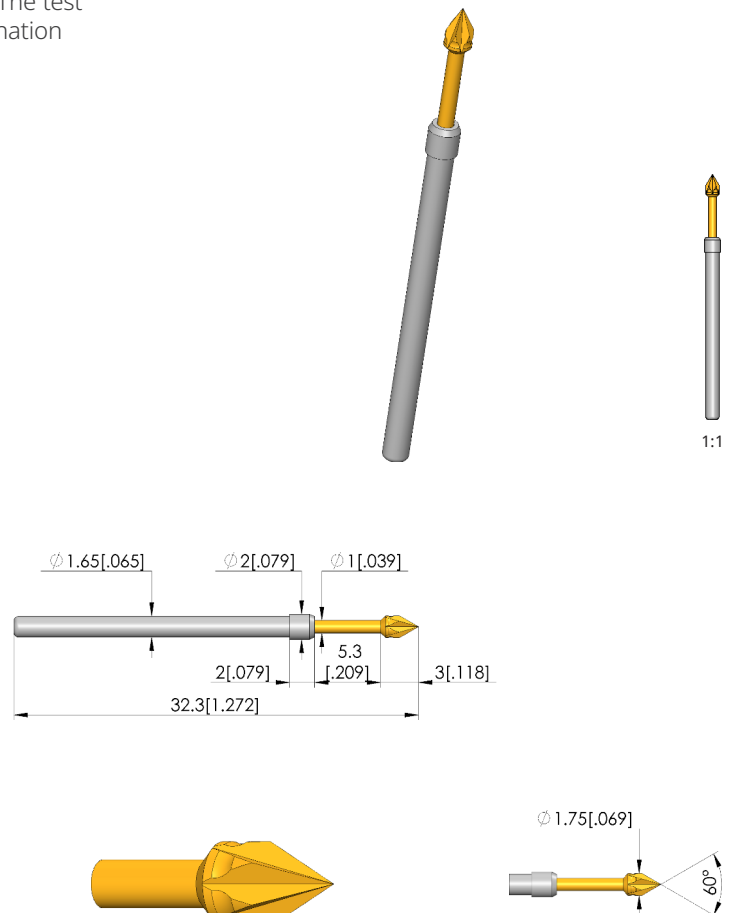
Current load capacity / rated current	20 A
Typical resistance (Ri)	<10 mOhm

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]

Tip style data

Tip style	17 hexagonal pyramid with cutting edges, self-cleaning
Tip diameter	1.75 mm [.068 in]
Tip style surface	A gold
Tip style material	3 CuBe



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