

High-current probe

HSS-120 305 140 A 2205

Item HSS-120-0435



ingun[®]
Partner for Future Technology

- Trusted, robust high-current probes, optimally sized for current load capacity ratio
- Low resistance probe with Ri typical: < 10 mOhm
- 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-120
Grid	4 mm [157 mil]
Contacting from	Pad, Female connector
Magnetic	Yes
Installation type	Plug-in
Quick-exchange system	Yes
Adjustable installation height	No
Non-rotating	No
Compatible receptacle(s)	KS-113, KS-113 23
Min. temperature	- 100 °C [- 212 °F]
Max. temperature	+ 200 °C [+ 392 °F]
RoHS-compliant	RoHS-3;6c

Electrical data

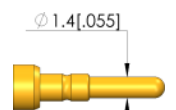
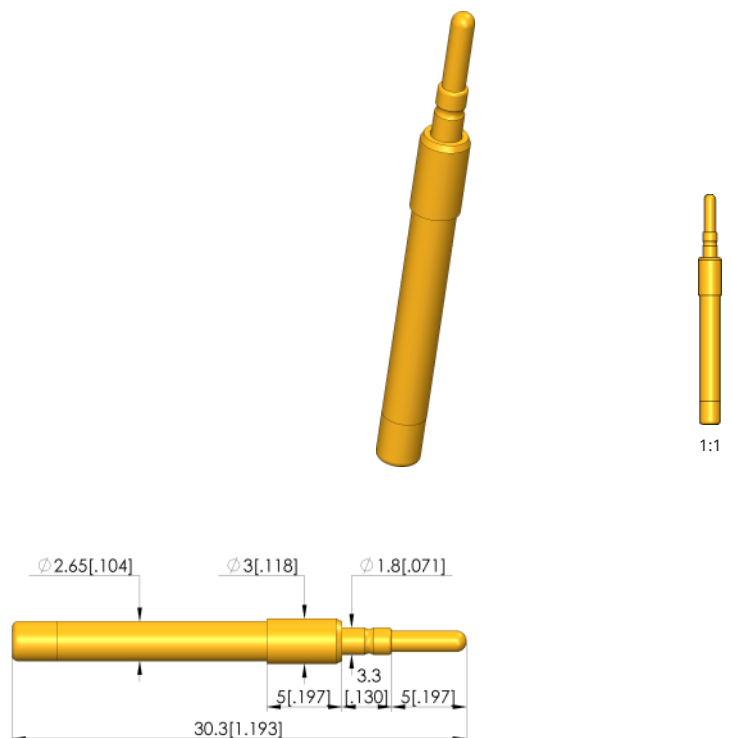
Current load capacity / rated current	30 A
Typical resistance (Ri)	<10 mOhm

Mechanical data

Total length	30.3 mm [1.19 in]
Barrel diameter	2.65 mm [.104 in]
Maximum stroke	5.3 mm [.208 in]
Spring pre-load	0.58 N [2.08 ozf]
Collar height	05
Spring force at working stroke	2.25 N [8.09 ozf]
Recommended working stroke	4 mm [.157 in]

Tip style data

Tip style	05 bullet-nosed (full radius)
Tip diameter	1.4 mm [.055 in]
Tip style surface	A gold
Tip style material	3 CuBe
Step probe tip height	5 mm [.196 in]



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HIGH-CURRENT TEST PROBE

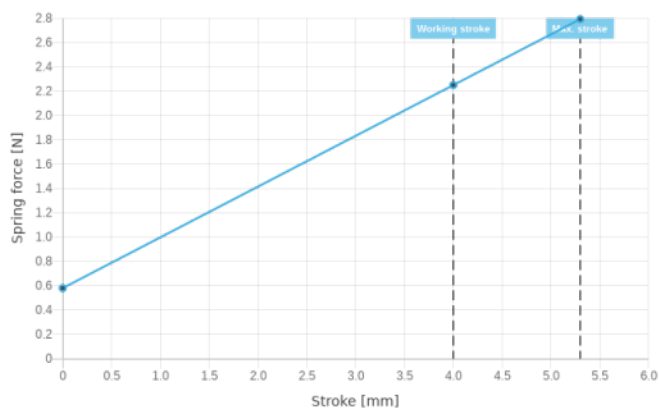
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Prices and delivery times on request.
Technical changes reserved. 11/23 EN

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