

# Test Probe

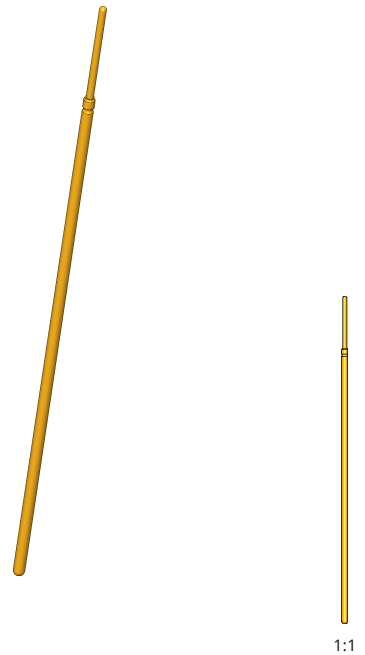
## GKS-050 305 050 A 1000

Item GKS-050-0018



- Well-established test probes for contacting PCBs
- For optimal contact to the test points (e.g. pads, vias, and pins), various tip styles with various diameters and finishes are available.
- Various spring forces available as well as versions with stainless steel springs suitable for high temperatures
- Used for setting the optimum stroke conditions in the test fixture, various installation heights can be achieved by combining test probes and receptacles

### INGUN SELECTION



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### General data

Product group	ICT / FCT (in-circuit test and function test)
Sub-product group	Standard stroke test probe
Series	GKS-050
Grid	1.27 mm [50 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-050
Min. temperature	- 40 °C [- 104 °F]
Max. temperature	+ 80 °C [+ 176 °F]
RoHS-compliant	Yes

### Electrical data

Current load capacity / rated current	2 A
Typical resistance (Ri)	<20 mOhm

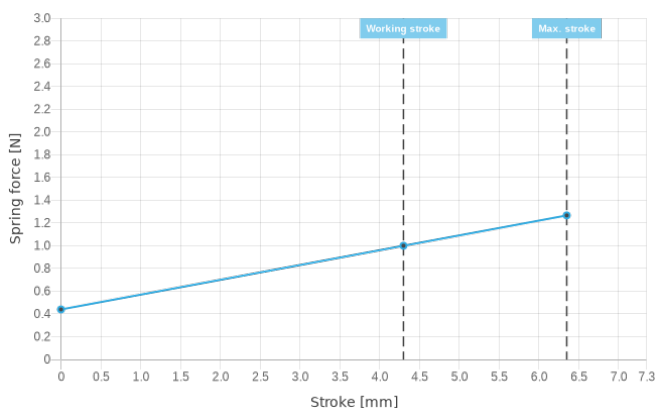
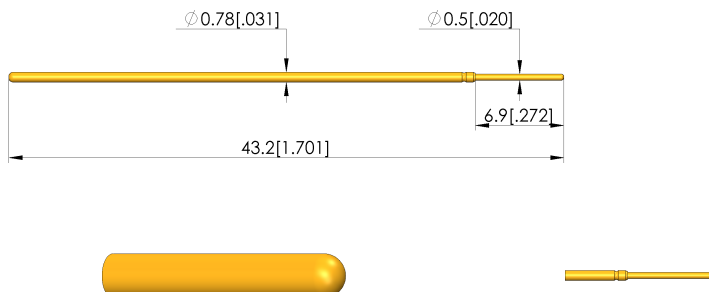
### Mechanical data

Total length	43.2 mm [1.70 in]
Barrel diameter	0.78 mm [.030 in]
Maximum stroke	6.35 mm [.25 in]
Spring pre-load	0.44 N [1.58 ozf]
Collar height	00
Spring force at working stroke	1 N [3.59 ozf]
Recommended working stroke	4.3 mm [.169 in]

### Tip style data

Tip style	05 bullet-nosed (full radius)
Tip diameter	0.5 mm [.019 in]
Tip style surface	A gold
Tip style material	3 CuBe

### INGUN SELECTION



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Prices and delivery times on request.  
Technical changes reserved. 11/22 EN

Weitere Informationen zum Thema  
ICT/FCT Test probes



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