Spring-loaded test probe

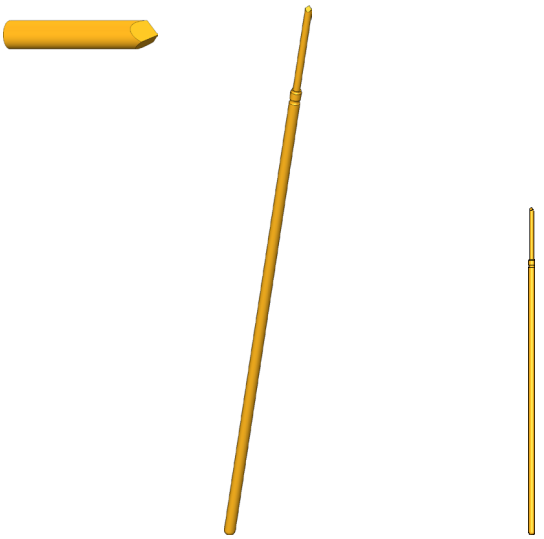
GKS-050 307 050 A 2000 C

Item GKS-050-0071

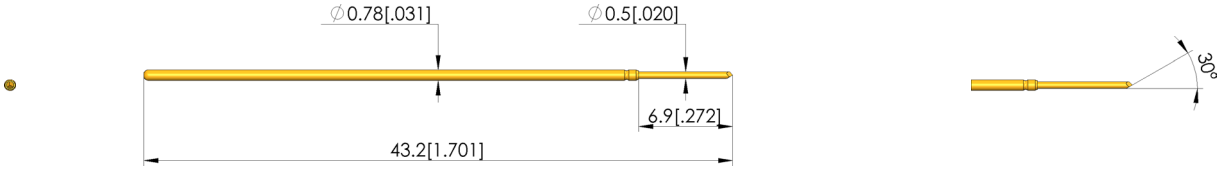
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Partner for Future Technology

- 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



1:1



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, via
Magnetic:	Yes
Installation type:	Plug-in
Quick-exchange system:	Yes
Adjustable installation height:	No
Non-rotating:	No
Compatible receptacle(s):	KS-050
Min. temperature:	- 100 °C [- 212 °F]
Max. temperature:	+ 200 °C [+ 392 °F]
RoHS-compliant:	RoHS-3;6c

Electrical data

Current load capacity / rated current:	3 A
Typical resistance (Ri):	<100 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:	0.81 N [2.91 ozf]
Collar height:	00
Spring force at working stroke:	2 N [7.19 ozf]
Recommended working stroke:	4.3 mm [.169 in]

Tip style data

Tip style:	07 90° 3-edged chisel, self-cleaning
Tip diameter:	0.5 mm [.019 in]
Tip style surface:	A gold
Tip style material:	3 CuBe

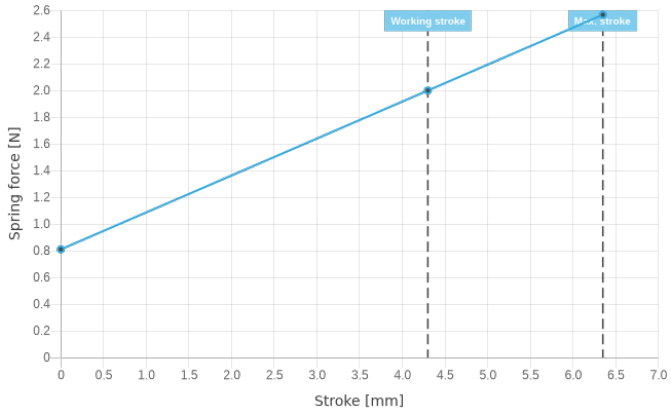
Spring-loaded test probe

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