Spring-loaded test probe

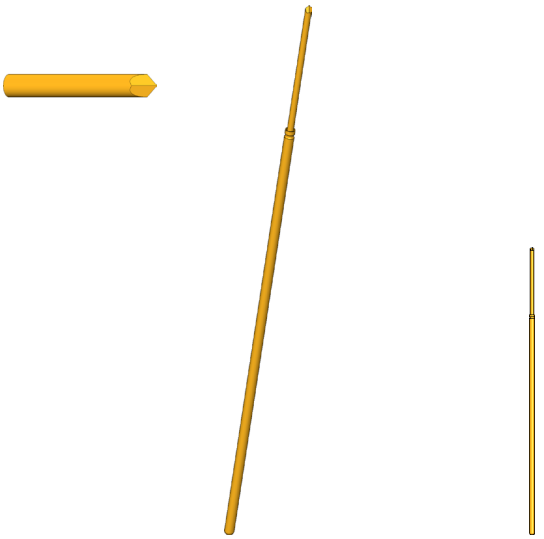
GKS-040 297 040 A 0800 LP

Item GKS-040-0027

GO TO PRODUCT

ingun®
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



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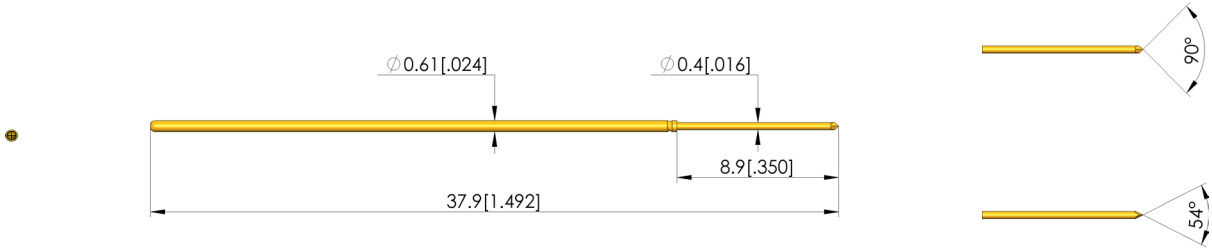

General data

Product group:	ICT / FCT (in-circuit test and function test
Sub-product group:	Standard stroke test probe
Series:	GKS-040 LP long version
Grid:	1 mm [40 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-040
Min. temperature:	- 40 °C [- 104 °F]
Max. temperature:	+ 80 °C [+ 176 °F]
RoHS-compliant:	RoHS-3;6a

Electrical data

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

Mechanical data

Total length:	37.9 mm [1.49 in]
Barrel diameter:	0.61 mm [.024 in]
Maximum stroke:	6.35 mm [.25 in]
Spring pre-load:	0.15 N [.539 ozf]
Collar height:	00
Spring force at working stroke:	0.8 N [2.87 ozf]
Recommended working stroke:	4.3 mm [.169 in]

Tip style data

Tip style:	97 4-edged 90° dagger, self-cleaning
Tip diameter:	0.4 mm [.015 in]
Tip style surface:	A gold
Tip style material:	2 steel

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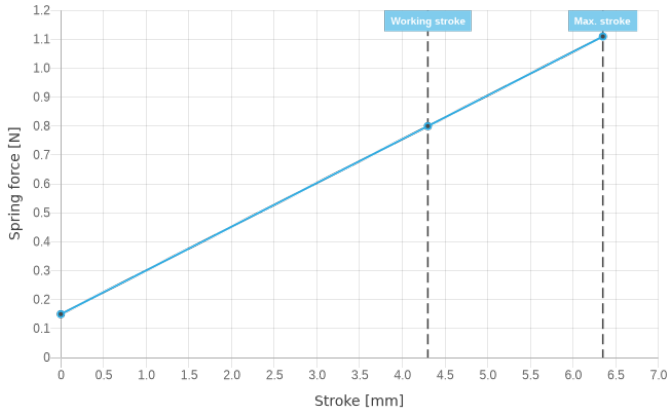

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Learn more about
ICT/FCT Test probes

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Prices and delivery times on request.
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