

Spring-loaded test probe

GKS-040 297 040 A 0800 LP

Item GKS-040-0027



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- 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

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

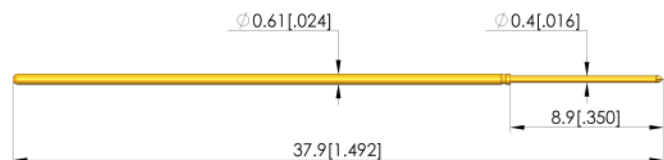
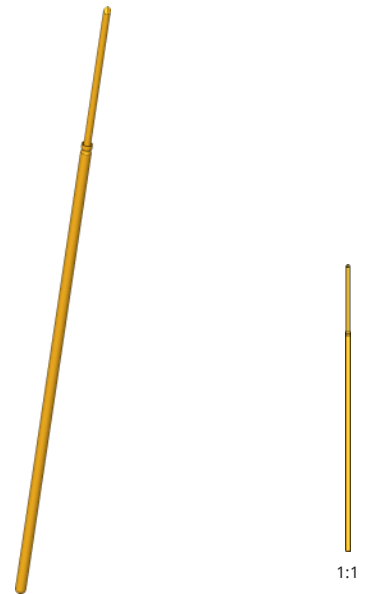
Current load capacity / rated current	2 A
Typical resistance (Ri)	<20 mOhm

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

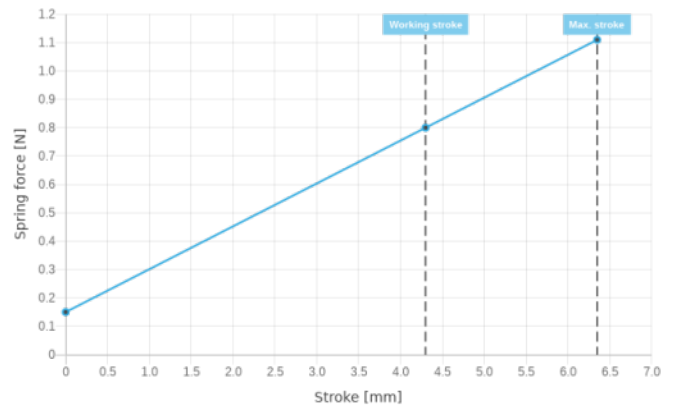
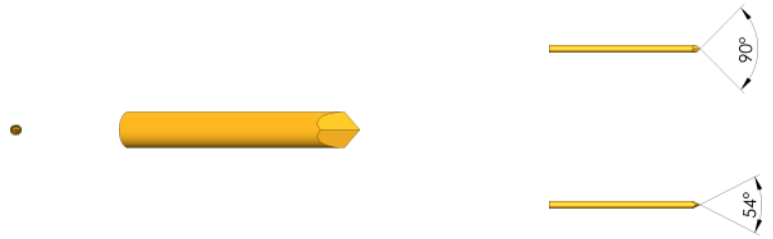
Tip style	97 4-edged 90° dagger, self-cleaning
Tip diameter	0.4 mm [.015 in]
Tip style surface	A gold
Tip style material	2 steel



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Prices and delivery times on request.
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