Spring-loaded test probe

GKS-100 217 170 A 2200 E

Item GKS-100-0924

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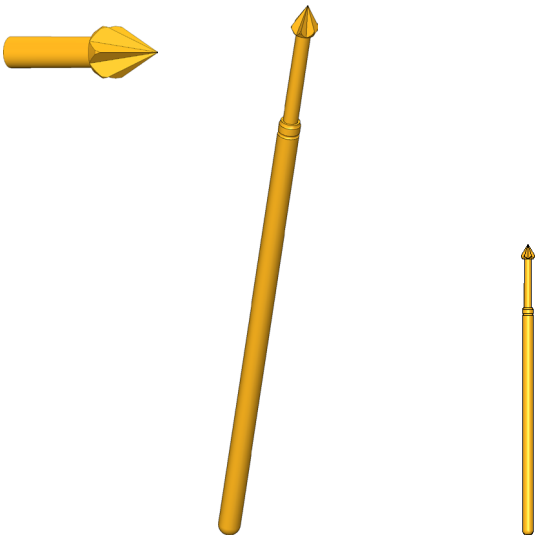
- Well-established test probes for contacting PCBs
- For optimal contact to the test points (e.g. pads, vias, and pins), various tip styles with various diameters and finishes are available.
- Various spring forces available as well as versions with stainless steel springs suitable for high temperatures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



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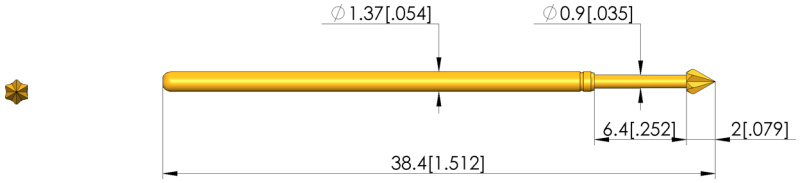

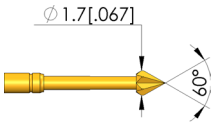

General data

Product group:	ICT / FCT (in-circuit test and function test
Sub-product group:	Standard stroke test probe
Series:	GKS-100 E long version
Grid:	2.54 mm [100 mil]
Contacting from:	Pad, Via, Female connector
Magnetic:	Yes
Installation type:	Plug-in
Quick-exchange system:	Yes
Adjustable installation height:	No
Non-rotating:	No
Compatible receptacle(s):	KS-100
Min. temperature:	- 40 °C [- 104 °F]
Max. temperature:	+ 80 °C [+ 176 °F]
RoHS-compliant:	RoHS-3;6a

Electrical data

Current load capacity / rated current:	5 A
Typical resistance (Ri):	<20 mOhm

Mechanical data

Total length:	38.4 mm [1.51 in]
Barrel diameter:	1.37 mm [.053 in]
Maximum stroke:	6.35 mm [.25 in]
Spring pre-load:	0.74 N [2.66 ozf]
Collar height:	00
Spring force at working stroke:	2.25 N [8.09 ozf]
Recommended working stroke:	4.3 mm [.169 in]

Tip style data

Tip style:	17 hexagonal pyramid with cutting edges, self-cleaning
Tip diameter:	1.7 mm [.066 in]
Tip style surface:	A gold
Tip style material:	2 steel

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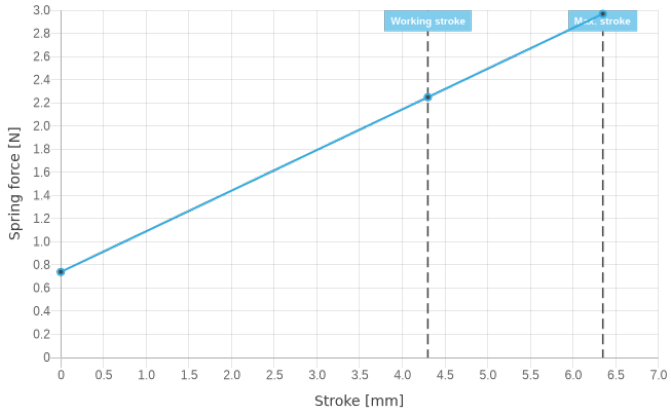

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