

# Spring-loaded test probe

## GKS-040 214 040 A 0800

Item GKS-040-0040



GO TO PRODUCT

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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
Grid	1 mm [40 mil]
Contacting from	Pad, Pin, Post
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

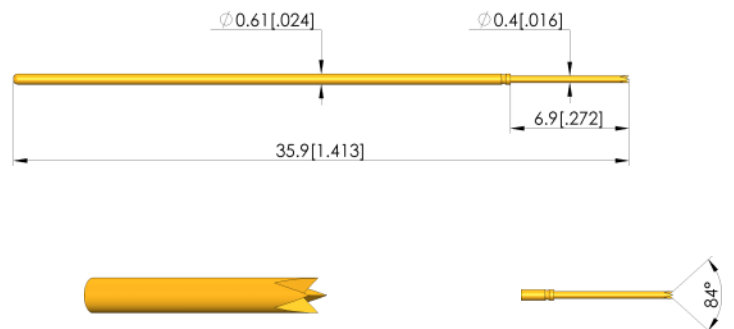
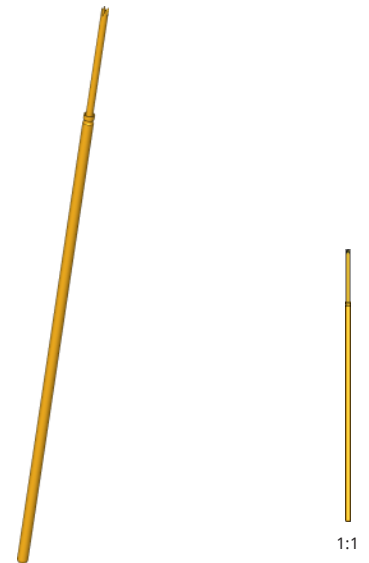
Current load capacity / rated current	2 A
Typical resistance (Ri)	<20 mOhm

### Mechanical data

Total length	35.9 mm [1.41 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	14 4-point crown, self-cleaning
Tip diameter	0.4 mm [.015 in]
Tip style surface	A gold
Tip style material	2 steel



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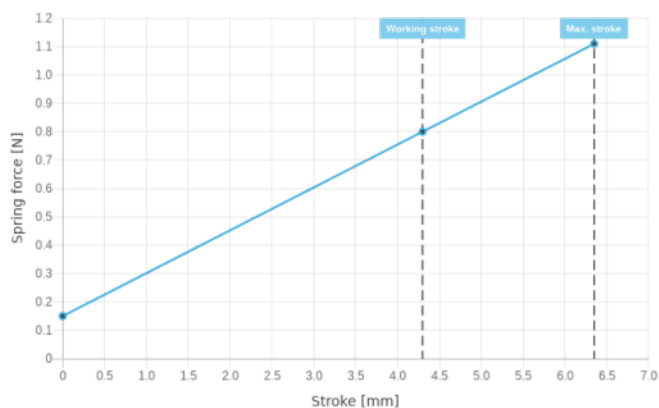
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Prices and delivery times on request.  
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ICT/FCT Test probes

